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San Francisco County

Projections & Planning Information

PROJECTIONS AND PLANNING INFORMATION

SAN FRANCISCO CITY AND COUNTY

Mailing Address:

**Employment Development Department
Labor Market Information Division, MIC 57
P.O. Box 826880
Sacramento, CA 94280-0001**

**For additional information for this county,
call Ed Champlin, (415) 695-6575
or (916) 262-2162.**

**State of California
Health and Welfare Agency**



LABOR MARKET INFORMATION DIVISION

MISSION

WE PROMOTE CALIFORNIA'S ECONOMIC HEALTH BY PROVIDING INFORMATION TO HELP PEOPLE UNDERSTAND CALIFORNIA'S ECONOMY AND MAKE INFORMED LABOR MARKET CHOICES.

VISION

WE ARE THE LABOR MARKET INFORMATION SOURCE FOR CALIFORNIA AND A NATIONAL LEADER IN LABOR MARKET INFORMATION. WE ARE AN INNOVATIVE, CREATIVE AND EXPERT CONSULTING ORGANIZATION; AN ECONOMIC DEVELOPMENT AND RESEARCH PARTNER; AND A PRESTIGIOUS AND HIGHLY CREDIBLE ORGANIZATION.

Projections & Planning Information

Module A:

Introduction

INTRODUCTION

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MODULE A: INTRODUCTION

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NOTE TO READERS

The Employment Development Department's Labor Market Information Division (LMID) regularly collects, analyzes, and publishes information about California's labor market, which consists of approximately 15 million workers and 970,000 employers. In addition to employment and unemployment data, LMID provides economic planning information, industry and occupational information, social and demographic information, and a variety of other statistics.

LMID produces the Projection and Planning Information (PPI) publication for 55 counties and the State. Each module within the PPI is designed to present data in the clearest and most usable form possible. The variety of reports within each module is intended to answer the most often asked questions. These reports are issued in modules that are updated as new information becomes available and are delivered to customers for inclusion in a three-ring binder.

Customers may choose some or all of the following modules:

Module A: Introduction Information about the featured county and population tables providing data for the past and present. Additional resources for exploring various occupations.

- Area Profile
- Area Map
- County/City Population
- Population Estimates for California and Counties
- LMID Area Consultants
- Labor Market Information Product List
- O*NET – The Occupational Network
- SOC – Standard Occupational Classification
- Job Service Offices
- EDD Internet Home Page
- Related Websites

Module B: Labor Force Current and historical labor force, employment, unemployment and unemployment rates

- Introduction
- State Map of Current Annual Average Rates by County
- Annual Average Unemployment Rates
- Monthly and Annual Average Data

Module C: Wage and Salary Employment Current and historical wage and salary employment data

- Introduction
- Annual Average Data
- Monthly Data
- Standard Industrial Classification Manual (SIC) - 1987

Module D: Projections – Information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends.

- Introduction
- Description of Industry and Occupational Tables
- Industry Trends and Outlook
- Employment by Major Industry
- Industry Employment Projections
- Employment by Major Occupational Group
- Occupations with the Greatest Absolute Job Growth
- Occupations with the Fastest Job Growth
- Occupational Employment Projections
- Occupations with Most Openings
- Occupations with Projected Declines
- Alphabetical Index of Occupations
- Standard Industrial Classification Manual (SIC)
- North American Industry Classification System (NAICS)
- Methods and Economic Assumptions

Module E: Occupational Wages – Occupational Employment Statistics (OES) Wage Survey results and explanation of methodology

- Introduction
- Alphabetical List of Occupations
- Occupational Wages for Selected Counties

Module F: Social and Economic Data – Tables from the U.S. Department of Commerce, the Bureau of the Census, and various State agencies.

- Introduction
- State Map of Median Household Income by County
- Public Assistance Recipients by Program
- Aid to Families with Dependent Children, Characteristics of Recipients, 16 Yrs. and Older
- Veterans by Active Duty
- Lower Living Income Levels and Poverty Guidelines
- Planning Information for Service Delivery Areas, Selected Characteristics by Age
- Explanation of Terms and Concepts
- Nondiscrimination Information

COUNTY INFORMATION

San Francisco County

The City and County of San Francisco is located on the hilly tip of a peninsula in Northern California, surrounded by the Pacific Ocean and San Francisco Bay on the three sides and San Mateo County to the south. The maritime climate provides year-round cool temperatures and morning and evening fog. At 46.7 square miles (approximately seven by seven miles), it is the smallest county in the State. With over three-quarters of a million people, it is one of the most densely populated cities in the nation, with less than half of the residents in single-family homes.

The significant multicultural mix of its residents gives San Francisco its cosmopolitan image and diverse labor force. Well over one-half million jobs within San Francisco provide work for about three-fourths of this labor force of approximately 400,000 and some 250,000 people commuting from neighboring counties. About one-half of these jobs are concentrated in the services and retail and wholesale trade sectors, many of them to serve the number one industry focus: tourism.

Visitors from other counties, states and countries stream into San Francisco every day (13.4 million in 1992) and annually spend over four billion dollars within the local economy, according to the San Francisco Convention and Visitors Bureau.

Besides being a major tourist attraction, San Francisco serves as business headquarters for scores of companies, including about two dozen in the Fortune 500. The City/County also functions as a gateway for world trade, with its many foreign consulates and trade offices and significant activity in import/export and foreign investment. The financial district, anchored by a Federal Reserve Bank and the Pacific Stock Exchange, provides tens of thousands of jobs and a focal point for corporate offices and the scores of large and small companies providing goods and services to the business community. The downtown is also San Francisco's retailing center, accounting for many of the City's total of 70,000 retail trade jobs and \$5.7 billion annually spent on retail goods (1994 estimates).

San Francisco's land area is mostly built out. Currently, the only large tract of developable land is an area called "Mission Bay" (between the China Basin and Central Basin). Plans for the area call for significant residential and commercial development over the next 20 years. In addition, San Francisco's two remaining military installations at Treasure Island and Hunters' Point naval shipyard are scheduled to be converted to civilian use by the end of the century.

San Francisco City and County



SAN FRANCISCO CITY AND COUNTY

Population of the County and Selected Cities 1980, 1990, 1997, and 1998

Political Subdivisions	1980 (a)	1990 (b)	1997 (c)	1998 (c)	Percent Change	
					1980 to 1990	1997 to 1998
Total	678,974	723,959	772,800	789,600	6.6%	2.2%

(a) Census of Population, April 1, 1980.

(b) Census of Population, April 1, 1990.

(c) California Department of Finance revised estimates for January 1, 1997 and estimates for January 1, 1998. Parts may not add to total due to independent rounding.

POPULATION ESTIMATES FOR CALIFORNIA AND COUNTIES

	January		Percent Change		January		Percent Change
	1997	1998			1997	1998	
California	32,670,000	33,252,000	1.8%	Nevada	87,700	88,800	1.3%
Alameda	1,381,700	1,408,100	1.9%	Orange	2,677,500	2,722,300	1.7%
Alpine	1,190	1,200	0.8%	Placer	212,400	217,900	2.6%
Amador	33,200	33,700	1.5%	Plumas	20,350	20,600	1.2%
Butte	197,500	201,600	2.1%	Riverside	1,400,400	1,441,200	2.9%
Calaveras	37,100	38,350	3.4%	Sacramento	1,139,500	1,159,800	1.8%
Colusa	18,400	18,550	0.8%	San Benito	45,050	46,600	3.4%
Contra Costa	887,100	900,700	1.5%	San Bernardino	1,605,000	1,621,900	1.1%
Del Norte	27,950	28,900	3.4%	San Diego	2,729,100	2,794,800	2.4%
El Dorado	144,000	147,600	2.5%	San Francisco	772,800	789,600	2.2%
Fresno	774,200	786,800	1.6%	San Joaquin	537,700	545,200	1.4%
Glenn	26,800	26,950	0.6%	San Luis Obispo	232,700	239,000	2.7%
Humboldt	125,600	127,700	1.7%	San Mateo	704,800	715,400	1.5%
Imperial	141,000	142,100	0.8%	Santa Barbara	397,200	405,500	2.1%
Inyo	18,300	18,500	1.1%	Santa Clara	1,654,800	1,689,900	2.1%
Kern	629,200	639,800	1.7%	Santa Cruz	245,400	250,200	2.0%
Kings	116,700	122,800	5.2%	Shasta	162,500	165,000	1.5%
Lake	55,000	55,100	0.2%	Sierra	3,360	3,360	0.0%
Lassen	34,350	34,150	-0.6%	Siskiyou	44,150	44,700	1.2%
Los Angeles	9,470,900	9,603,300	1.4%	Solano	375,500	383,600	2.2%
Madera	111,900	114,300	2.1%	Sonoma	428,600	437,100	2.0%
Marin	241,400	245,900	1.9%	Stanislaus	421,900	427,600	1.4%
Mariposa	15,950	16,150	1.3%	Sutter	75,400	76,800	1.9%
Mendocino	85,400	86,900	1.8%	Tehama	54,500	55,400	1.7%
Merced	200,200	204,400	2.1%	Trinity	13,300	13,250	-0.4%
Modoc	10,150	10,150	0.0%	Tulare	355,900	360,400	1.3%
Mono	10,500	10,600	1.0%	Tuolumne	51,900	52,800	1.7%
Monterey	368,900	386,200	4.7%	Ventura	721,000	730,800	1.4%
Napa	120,100	123,300	2.7%	Yolo	153,700	156,800	2.0%
				Yuba	60,800	61,400	1.0%

SOURCE: State of California, Department of Finance, Population Estimates for California Cities and Counties.
Report 97 E-1. Sacramento, California, May 1998.

RESOURCE INFORMATION

AREA CONSULTANTS

Located strategically in cities and counties throughout California, the Area Services Group consists of 25 regional Labor Market Consultants. The Labor Market Consultants serve as the single point of contact for questions or analysis about local trends and conditions throughout California. Consultants provide technical assistance on the use of labor market information and are available to make presentations on a variety of labor market information subjects. They may also provide customized research services and products to fit specialized labor market information requests.

County Name	Single Point of Contact	Public Telephone No.	Alternate Contact	Public Telephone No.
Statewide	Information Desk	916-262-2162		
Alameda	Jeanette Miller	925-602-1588	Paak-Yin Tam	415-920-2423
Alpine	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Amador	Ismael Tapia	209-941-6551	Quentin Turner	916-774-4384
Butte (Chico)	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Calaveras	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Colusa	Brandy Daniel	530-895-4300	Anita Alexander	707-441-5892
Contra Costa	Jeanette Miller	925-602-1588	Paak-Yin Tam	415-920-2423
Del Norte	Anita Alexander	707-441-5892	Kathy Porter	530-225-2562
El Dorado	David Lyons	916-227-2015	Quentin Turner	916-774-4384
Fresno	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Glenn	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Humboldt	Anita Alexander	707-441-5892	Kathy Porter	530-225-2562
Imperial	Cheryl Mason	619-689-6544	Ann Marshall	714-687-4816
Inyo	Sarah Parker	805-395-2543	Dee Johnson	805-568-1358
Kern	Sarah Parker	805-395-2543	Dee Johnson	805-568-1358
Kings	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Lake	Anita Alexander	707-441-5892	Brandy Daniel	530-895-4300

These assignments change periodically. For updates call 916-262-2166 or check the Internet <http://www.calmis.ca.gov>

Area Consultants

County Name	Single Point of Contact	Public Telephone No.	Alternate Contact	Public Telephone No.
Lassen	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Los Angeles	(Any L.A. Analyst)			
Central City	Bill Freed	213-744-2570	Rosanna Lo	213-744-2569
San Fernando Valley	Margaret Platt	818-898-4184	Linda Reed	626-350-6530
San Gabriel Valley	Linda Reed	626-350-6530	Margaret Platt	818-898-4184
South Bay	Rosanna Lo	213-744-2569	Bill Freed	213-744-2570
Madera	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Marin	Cathe Rutherford	707-863-9753	Paak-Yin Tam	415-920-2423
Mariposa	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Mendocino	Anita Alexander	707-441-5892	Brandy Daniel	530-895-4300
Merced	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Modoc	Kathy Porter	530-225-2562	Brandy Daniel	530-895-4300
Mono	Sarah Parker	805-395-2543	Dee Johnson	805-568-1358
Monterey	Eric Alexander	831-464-4367	Mary Navarro	408-774-2369
Napa	Cathe Rutherford	707-863-9753	Eric Alexander	831-464-4367
Nevada	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Orange	Ann Marshall	714-687-4816	Cheryl Mason	619-689-6544
Placer	David Lyons	916-227-2015	Quentin Turner	916-774-4384
Plumas	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Riverside	Thomas Flournoy	909-885-8614	Ann Marshall	714-687-4816
Sacramento	David Lyons	916-227-2015	Quentin Turner	916-774-4384
San Benito	Eric Alexander	831-464-4367	Mary Navarro	408-774-2369
San Bernardino	Thomas Flournoy	909-885-8614	Ann Marshall	714-687-4816

These assignments change periodically. For updates call 916-262-2166 or check the Internet <http://www.calmis.ca.gov>

Area Consultants

County Name	Single Point of Contact	Public Telephone No.	Alternate Contact	Public Telephone No.
San Diego	Cheryl Mason	619-689-6544	Ann Marshall	714-687-4816
San Francisco	Paak-Yin Tam	415-920-2423	Ruth Kavanagh	650-737-2664
San Joaquin	Ismael Tapia	209-941-6551	Quentin Turner	916-774-4384
San Luis Obispo	Dee Johnson	805-568-1358	Sarah Parker	805-395-2543
San Mateo	Ruth Kavanagh	650-578-2664	Paak-Yin Tam	415-920-2423
Santa Barbara	Dee Johnson	805-568-1358	Sarah Parker	805-395-2543
Santa Clara	Mary Navarro	408-774-2369	Ruth Kavanagh	650-737-2664
Santa Cruz	Eric Alexander	831-464-4367	Mary Navarro	408-774-2369
Shasta	Kathy Porter	530-225-2562	Brandy Daniel	530-895-4300
Sierra	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Siskiyou	Kathy Porter	530-225-2562	Anita Alexander	707-441-5892
Solano	Cathe Rutherford	707-863-9753	Eric Alexander	831-464-4367
Sonoma	Cathe Rutherford	707-863-9753	Eric Alexander	831-464-4367
Stanislaus	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Sutter	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Tehama	Kathy Porter	530-225-2562	Brandy Daniel	530-895-4300
Trinity	Kathy Porter	530-225-2562	Anita Alexander	707-441-5892
Tulare	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Tuolumne	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Ventura	Dee Johnson	805-568-1358	Sarah Parker	805-395-2543
Yolo	David Lyons	916-227-2015	Quentin Turner	916-774-4384
Yuba	Quentin Turner	916-774-4384	David Lyons	916-227-2015

These assignments change periodically. For updates call 916-262-2166 or check the Internet <http://www.calmis.ca.gov>



LABOR MARKET INFORMATION PRODUCT LIST

Item Description	Item Cost*	Sub- scription Cost (yearly)
California Career Notes Set - Careers with a Future	\$12.50	
The California Career Notes provide "at a glance" information about occupations suited for entry level job seekers - jobs with a large number of openings and which can provide career growth potential. These easily readable single sheet Career Notes target entry-level workers, including welfare-to-work clients. The set contains 50 occupation.		
California (OES) Dictionary of Occupations	\$15.00	
The dictionary contains a list of occupational codes and titles used in the Occupational Employment Statistics survey.		
California Labor Market Bulletin	NA	\$15.00
Information on employment and unemployment, recent industry trends for California, and current labor force data for all counties.		
California Labor Market Bulletin-Statistical Supplement	NA	\$30.00
A detailed breakout of employment by industry for the State and 17 largest areas. It also contains average weekly earnings, average hourly earnings and average weekly hours for production workers in manufacturing.		
California License Handbook 1997	\$15.00	
A list of occupations licensed by the State of California along with license fees, licensing requirements, and the name and address of the licensing authority.		
California Occupational Guides Set	\$45.00	
Contains 350 individual occupations or groups of related occupations with statewide information about job duties, working conditions, employment outlook, wages, benefits, entrance requirements, and training.		
California Occupational Guide Profiles (IBM)	\$25.00	
California Occupational Guide Profiles (MAC)	\$25.00	
A diskette containing summaries of approximately 300 occupations.		
California Unemployment Insurance Reporting Units By Size, Industry and County (Report 524)	\$13.00	
Presents the characteristics of reporting units by their size of employment. The report includes this data at the statewide, county and MSA level.		
Emerging Occupations in California-A Sampler	\$9.00	
Emerging Occupations in California-Environmental Hazardous Waste Occupations	\$9.00	
Emerging Occupations in California-Robotics and Related Automated Systems	\$9.00	
In Search of Skill Standards for 2000 and Beyond	\$10.00	
A new report about current skill standards research resulting from the establishment of the Secretary's Commission of Achieving Necessary Skills in 1990, U.S. Department of Labor.		
Interim Employment Series	NA	\$20.00
Provides monthly industry employment estimates from January 1997 through the current month.		
Labor Market Conditions in California		\$30.00
Labor Market Conditions in California	\$6.00	
The Current Population Survey details, the wage and salary employment by industry series (both seasonally adjusted and unadjusted), Enhanced National Data System and Unemployment Insurance data.		
Monthly Labor Force Data for Counties (Report 400C)	NA	\$12.00
Statistics on civilian labor force, employment, and unemployment for MSA's and counties in California.		

Item Description	Item Cost*	Sub- scription Cost (yearly) per area
Monthly Labor Force Data for Sub-County Areas		\$15.00
This report contains labor force data for individual counties and selected cities and other sub-areas within the counties. There are five area reports for California: Central Coast (LAU-29), Los Angeles/Ventura (LAU-30), Northern (LAU-31), Southern (LAU-32) and Valley (LAU-33).		
Monthly Labor Force Data for Service Delivery Areas (Report 400S)	NA	\$12.00
Statistics on civilian labor force, employment, and unemployment for service delivery areas in California.		
Nondiscrimination Reports by MSA, PMSA, CMSA		
Fresno - Madera (MSA).....	\$8.00	
Los Angeles - Riverside - Orange (CMSA).....	\$8.00	
Riverside-San Bernardino (PMSA).....	\$8.00	
Sacramento - El Dorado - Placer (PMSA).....	\$8.00	
San Francisco - Oakland - San Jose (CMSA).....	\$8.00	
Marin - San Francisco - San Mateo (PMSA).....	\$8.00	
Napa - Solano (PMSA).....	\$8.00	
Sutter - Yuba (MSA).....	\$8.00	
Alameda - Contra Costa (PMSA).....	\$8.00	
Projections and Planning Information Report (PPI)-California	\$35.00	
Provides civilian labor force data, wage and salary employment, industry/occupational projections, social/economic data and other resources.		
Labor Force.....	\$12.00	
Wage and Salary Employment.....	\$13.00	
Industry and Occupational Projections.....	\$15.00	
Social/Economic Data and Nondiscrimination Information - 1990 Census.....	\$10.00	
Other LMI.....	Incl w/E	
Projections and Planning Information (PPI) Report-By County (see attachment 2 for individual item numbers)	\$35.00	
Labor Force.....	\$8.00	
Wage and Salary Employment.....	\$8.00	
Industry and Occupational Projections.....	\$15.00	
Wages.....	\$9.00	
Social/Economic Data and Nondiscrimination Information - 1990 Census.....	\$10.00	
Small Business in California: A Resource Guide for Starting and Improving Your Small Business	\$10.00	
This resource guide is for small business owners and those who dream of someday owning a small business. It is also geared as a reference tool for persons who assist others in small business development.		
Small Firm Employment Growth Report 1991-1995	\$20.00	
The report was developed to answer the question, "What fraction of employment growth is generated by small firms - those with fewer than 10 employees. It analyzes this question by examining employment growth for both small and large firms from 1991 to 1995.		
California Cooperative Occupational Information System (CCOIS) Products		
California Occupational Guide Wage Supplement 1998	\$21.00	
County wage data covering years 1995-1997.		
Enhanced State Training Inventory (CD ROM)	\$40.00	
(IBM and MAC versions available upon request, call (916) 262-2162 for price)		
Provides information to assist state and local employment and training personnel and local employers to identify available training resources. The electronic database contains information on local schools and colleges, including name, address, phone numbers, fax numbers, and the educational and training programs offered.		
CCOIS Occupational Outlook Reports (see attachment 1 for individual item numbers)	\$20.00	
CCOIS Occupational Outlook Reports on diskette (IBM, MAC - see attachment 1 for individual item numbers)	\$15.00	

Local occupational information such as wages, experience, training, labor supply and demand. And expected growth in selected occupations.

Call (916) 262-2162 for county availability prior to ordering.

Item Description	Item Cost*	Subscription Cost (yearly)
Occupational Summaries for California 1995-1997.....	\$50.00	
Statewide occupational data compiled from over 33,000 California employers, representing approximately 615,000 jobs statewide. Includes job titles, descriptions, wages, benefits, education, training experience, labor supply and demand, etc.		
Occupational Summaries for EDD's Labor Market Information Division - 5 Regions.....	\$150.00	
Local occupational data compiled for local regions and includes job titles, descriptions, wages, benefits, education, training, experience, supply/demand, etc.		
Northern Region - 1995-1997.....	\$35.00	
Alpine, Amador, Butte, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo and Yuba Counties		
Central Coast Region - 1995-1997.....	\$35.00	
Alameda, Contra Costa, Marin, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano and Sonoma Counties		
Central Valley Region - 1995-1997.....	\$35.00	
Calaveras, Fresno, Inyo, Kern, Kings, Madera, Mariposa, Merced, Mono, San Luis Obispo, Santa Barbara, Stanislaus, Tulare, Tuolumne and Ventura Counties		
Los Angeles Region - 1995-1997.....	\$35.00	
Los Angeles County		
Southern Region - 1995-1997.....	\$35.00	
Imperial, Orange, Riverside, San Bernardino and San Diego Counties		
Occupational Summaries for School-to-Career - 12 Regions.....	\$350.00	
Local occupational information compiled by School-to-Career Regions. Includes summaries from occupations found in the local area, e.q., job titles, descriptions, wages, benefits, education, training, experience, labor supply and demand, etc.		
Region 1 - 1995-1997.....	\$35.00	
Del Norte, Humboldt, Lake, Mendocino and Sonoma Counties		
Region 2 - 1995-1997.....	\$35.00	
Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties		
Region 3 - 1995-1997.....	\$35.00	
Alpine, Colusa, El Dorado, Nevada, Placer, Sacramento, Sierra, Sutter, Yolo and Yuba Counties		
Region 4 - 1995-1997.....	\$35.00	
Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo and Solano Counties		
Region 5 - 1995-1997.....	\$35.00	
Monterey, San Benito, Santa Clara and Santa Cruz Counties		
Region 6 - 1995-1997.....	\$35.00	
Amador, Calaveras, San Joaquin, Stanislaus and Tuolumne Counties		
Region 7 - 1995-1997.....	\$35.00	
Fresno, Kings, Madera, Mariposa, Merced and Tulare Counties		
Region 8A - 1995-1997.....	\$35.00	
Los Angeles County		
Region 8B - 1995-1997.....	\$35.00	
Kern, San Luis Obispo, Santa Barbara and Ventura Counties		
Region 9A - 1995-1997.....	\$35.00	
Imperial and San Diego Counties		
Region 9B - 1995-1997.....	\$35.00	
Orange County		
Region 10 - 1995-1997.....	\$35.00	
Inyo, Mono, Riverside and San Bernardino Counties		

☐ - Information accessible on the Internet web site <http://www.calmis.ca.gov>

NA - Not Available—monthly subscription only (free sample upon request)

NC - No Charge

* - Prices include sales tax and shipping/handling

DICTIONARY OF OCCUPATIONAL TITLES (DOT)

The DOT is a comprehensive and standardized occupational coding system. The fourth edition, revised in 1991, is 1,400 pages in length compiled into two volumes. The occupational definitions are arranged by nine-digit DOT codes in an Occupational Group Arrangement section. The definitions include the major task elements of the job, task variables, alternate job titles, industry designation, and related occupations.

The DOT was originally developed for use by the U. S. Employment Service in matching qualified job applicants with suitable jobs. Since then, its use has expanded to various users for employment counseling, occupational and career guidance, and labor market information services.

Suggestions for Users

The DOT contains three complete indices of the coded titles. Locating a particular occupation can be relatively simple if the user knows the occupational title, the DOT code, or the industry in which the job occurs. The DOT is a complex volume with many uses. To become familiar with its contents, the user should consult the Introduction and the Appendix which go into great detail on "how to" use the DOT.

Job definitions in the DOT are composed of many jobs and cannot be expected to agree exactly in content with an individual position in a specific firm. In addition, employers sometimes combine jobs based on plant size or employee skills; thus, a worker's job may be covered by two or more DOT definitions.

The DOT may be purchased from the Superintendent of Documents, the Bureau of Labor Statistics, or the U. S. Government Bookstore in Los Angeles or San Francisco.

Conversion to O*NET

Changes in occupational content and job characteristics due to technological advancements continue to occur at a rapid pace. This rapid change to occupations coupled with user demand for the most current information possible has resulted in the need for a system that more closely reflects the changing world of work. O*NET, the Occupational Information Network, captures those changes in terms that accurately reflect today's workplace and workforce. O*NET 98 is available to the public at this time and the Department of Labor (DOL) anticipates that the next version of O*NET will replace the DOT.

O*NET THE OCCUPATIONAL INFORMATION NETWORK

In December, 1998, the Employment and Training Administration (ETA), US Department of Labor (DOL), released the first public version of O*NET, known as O*NET 98. This is a transitional product, to prepare for O*NET in the 21st century. The ETA expects the next version of O*NET will formally replace the DOT.

The DOT first defined the workplace over sixty years ago, and significant changes have taken place since that tool was developed. O*NET captures those changes and uses terms that accurately reflect today's workplace and workforce. A relational database houses the comprehensive information in O*NET – information about job requirements and worker competencies. O*NET supplies users with current information vital to the training, education, counseling and employment of workers.

The gathering and classification of information was done with many different users in mind, including human resource personnel, industry analysts, students, rehabilitation counselors, workforce researchers, managers, displaced workers and more. Therefore, O*NET features are many, including:

- *Data describing over 1,100 occupations that connect to the Occupational Employment Survey.*
- *The capability to locate occupations through skill requirements or key words.*
- *Electronic links that match O*NET occupational titles to eight other classification systems.*
- *Labor market information from BLS (Bureau of Labor Statistics) on employment levels, occupational outlook and wages.*

- *"Occupational Profiles" giving a short overview of the most important data descriptions for each occupation.*

The information currently available through O*NET was developed by job analysts; however, workers and employers themselves, describing what they do and the necessary skills, will contribute to future data.

The U.S. Department of Labor's Employment and Training Administration looked to both public and private entities in the development of O*NET. State-based Occupational Analysis Field Centers and Assessment Research and Development Program Centers provided regional support. Private sector firms are also assisting with the implementation of the project.

If it is to be current, comprehensive and inclusive, the O*NET System will require a continuous process of database building. DOL welcomes the participation of employers or representatives of organizations that can contribute occupational information. The massive and growing O*NET data collection and database will be maintained by the newly established National O*NET Consortium.

For further information contact O*NET:

O*NET Project
DOL Office of Policy and Research/ETA/O*NET
200 Constitution Ave., NW, MS N5637
Washington, DC 20210

Phone (202) 219-7161
FAX (202) 219-9186
E-mail O*NET@doleta.gov
Web site <http://www.doleta.gov/programs/onet/>

STANDARD OCCUPATIONAL CLASSIFICATION (SOC)

The *Standard Occupational Classification* (SOC) system will be used by U.S. government agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

- The SOC will consist of 810 unique occupations, each with its own SOC code number, title, and definition.
- The 810 occupations are combined with other occupations requiring similar skills or background
- The classification system presented here is in the final stages of a revision process.
- Government agencies that collect or publish data by occupation will begin using the SOC system over the next few years.

General Characteristics of the Revised SOC

In the proposed revision of the SOC, there are four levels of aggregation:

- 1) *major group*;
- 2) *minor group*;
- 3) *broad occupation*;
- 4) *detailed occupation*.

All occupations are clustered into 23 *major groups*, such as Management or Healthcare Practitioner and Technical occupations. These Major groups are broken down into occupationally-specific *minor groups*, such as Operations Specialties Managers in the Management Occupations

major group or Health Diagnosing and Treating Practitioners in the Healthcare Practitioner and Technical Occupations major group. Minor groups, in turn, are divided into *broad occupations*, such as Human Resources Managers or Therapists, which are further divided into *detailed occupations*, such as Compensation and Benefits Managers, or Physical Therapists.

All Federal agencies that collect occupational data will use the new system; similarly, all State and local government agencies are strongly encouraged to use this national system to promote a common language for categorizing occupations in the world of work. The new SOC system will replace the *Occupational Employment Statistics* (OES) occupational classification system currently used by the Bureau of Labor Statistics (BLS) for gathering occupational information. It will also replace the Bureau of the Census' 1990 occupational classification system and will be used for the 2000 Census. In addition, the new SOC will serve as the framework for information being gathered through the Department of Labor's *Occupational Information Network* (O*NET), which is in the process of replacing the *Dictionary of Occupational Titles* (DOT).

Additional information and updated revision plans are available at the BLS Internet site:

<http://stats.bls.gov/soc>

Labor Market Information Division, Employment Development Department, California, will begin using the SOC in the 1999/2000 OES survey.

JOB SERVICES FOR EMPLOYERS AND JOB SEEKERS

The Employment Development Department (EDD) is the largest source of personnel recruitment in California. There is no fee to employers or job seekers. Employers may wish to place a job order with EDD or ask about other available services. Job seekers may wish to complete an application to be matched against employer job orders or to request other assistance in finding a job or training.

California's **Job Service** is one of the world's largest public employment service operations. With over 130 service points throughout the state, this Employment Development Department (EDD) program serves the state's 850,000 and about one million job seekers who register for services each year.

The EDD's Job Service offers a variety of services that bring employers with job openings together with qualified job seekers.

CalJOBS is an Internet-based job opening and resume listing system that increases the public's access to employment services. Special features of **CalJOBS** include:

- No fees
- Wide variety of job listings and job seekers
- Easy access:
<http://www.caljobs.ca.gov>

Employer Advisory Councils work closely with Job Service to sponsor employer seminars, job fairs and other events which provide information and guidance for job seekers and local business.

Agricultural Services. California's multi-billion-dollar agriculture industry and farmworkers have access to the automated job listing service. This is a vital link between growers and permanent/seasonal workers.

Services to Job Seekers

- Job search workshops
- Referral to training or educational facilities and social service agencies
- Special assistance to unemployment insurance clients, veterans, persons with disabilities, youth, welfare recipients, and migrant and seasonal farmworkers.

Services to Employers

- Re-employment services for dislocated workers.
- Current labor market information.
- Focused recruitment campaigns.

If you are interested in any of the above services, or would like information about the location of the Job Service office nearest you, contact the call center listed below.

Bay Area	510-374-7500
Los Angeles	213-993-4600
Orange	714-978-7421
Riverside	909-782-3211
Sacramento	916-574-2100
San Diego	619-336-5549

California's Labor Market and Occupational Information is only a click away...

Use your computer to view and/or download important economic data directly from us -- **24 hours a day, seven days a week!**

Via the Internet: **<http://www.calmis.ca.gov>**

Data Available On-line:

Agriculture: Statewide and county employment and earnings data for selected crops and industries.

Demographics: Statewide and county census data, population tables, income statistics, and data for non-discrimination programs.

Industry: Current and historical employment data, projections of employment, hours and earnings, and size of firm data.

Labor Force: Monthly, historical, and annual average labor force data by county, MSA, and statewide; labor market conditions in California, and employment characteristics.

Resources: Contact lists for area consultants, local partners for the California Cooperative Occupational Information System (CCOIS), publications available, and resources for additional data.

Occupations: Projections of employment by occupation, the California License Handbook, the California Occupational Guides, the Occupational Guide Wage Supplement and the Occupational Outlook Reports.

Publications and Information: Publications Desk (916) 262-2162

Internet Assistance: (916) 262-2213 or (916) 262-2340

Related Websites

Local Government

CA local government agencies
http://www.ceres.ca.gov/geo_area/counties

Sacramento Area Commerce and Trade Organization
<http://www.sactoedc.org>

State Government

California's Home Page – Links to all state government agencies
<http://www.ca.gov>

EDD Home Page
<http://www.edd.ca.gov>

California Occupational Information Coordinating Committee (COICC)
COICC is an interagency committee created to promote the development and use of occupational and career information.
<http://www.soicc.ca.gov>

California Dept. of Finance (DOF)
DOF provides demographic information, population estimates, and cost of living information.
<http://www.dof.ca.gov>

California One-Stop Career Centers
<http://www.sjtcc.ca.gov/sjtccweb/one-stop>

California's Job Bank
<http://www.caljobs.ca.gov>

Dept. Of Industrial Relations (DIR)
Worker's Comp., labor law, and statistics.
<http://www.dir.ca.gov>

Federal Government

Federal Department of Labor, Bureau of Labor Statistics
<http://stats.bls.gov>

Bureau of the Census
[http:// www.census.gov](http://www.census.gov)

Library of Congress
<http://lcweb.loc.gov>

America's Job Bank
<http://www.ajb.dni.us>

Projections & Planning Information

Module B:

Labor Force

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Module B: LABOR FORCE

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Labor Force

Labor Force statistics are derived from the monthly Current Population Survey (CPS) of households conducted by the Bureau of Census for the Bureau of Labor Statistics (BLS). This monthly survey collects demographic data including employment and unemployment status for all states. The CPS sample consists of over 60,000 households nationwide with over 4,600 households in California. These data represent counts of individuals by place of residence rather than a count of jobs.

County-level labor force data, with the exception of Los Angeles County, are derived using a variety of information including CPS information, Wage and Salary Employment, and unemployment claims data for local areas.

Civilian Labor Force includes all non-institutional civilians, 16 years of age and older, who are working or looking for work: the sum of employed and unemployed.

Civilian Employment includes all individuals who are working, either for a wage or salary, self-employed, working at least one hour for pay or profit each week, or working at least 15 unpaid hours in a family business. Those who are on vacation, other kinds of leave, or involved in a labor dispute, are also counted as employed (whether or not they were paid for the time-off).

Civilian Unemployment includes those individuals who are not working but are able, available and looking for work.

Unemployment Rate is the number of unemployed individuals expressed as a percentage of the civilian labor force.

Suggestions for Users

Regular users of labor force data include grant writers, economic development professionals, government agencies and local social service agencies. This section provides suggestions for the first time user, the job hunter and the occasional user.

- County labor force data are not seasonally adjusted. It is important to request "not seasonally adjusted" labor force data for the state and the nation to make a valid comparison.
- The employment and unemployment figures tend to vary from month to month for many reasons. As a result, the annual average figures, over time, tend to be a better estimate of the labor force trends within the area.
- The unemployment rate may not reflect the economic conditions in all areas of the county. The labor market can vary greatly in different industries, in different occupations, and in different parts of the county.
- Month-to-month labor force data are a useful indicator of the seasonal changes in the area, such as outdoor activities, (i.e. construction), holiday hiring, school schedules, and agricultural patterns.
- California labor force data for years prior to 1990 are not directly comparable with data for 1990 and later years due to the introduction of the 1990 Census population controls.

You may want to consult the industry and occupational modules of this report for more information on economic conditions in the county, or speak with the Labor Market Information Division's area consultants who are located in the community and are knowledgeable about the economic activities in their counties.

Additional Sources of Information:

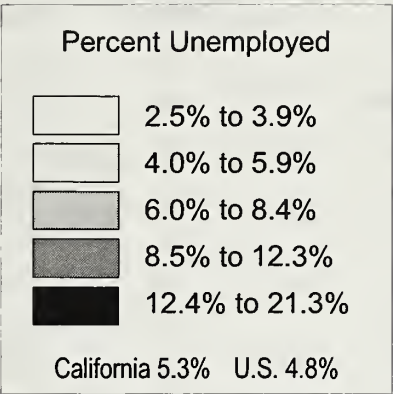
- Bureau of Labor Statistics,
Occupational Outlook Handbook
- California Association for Local
Economic Development (CALED)
- Local Chambers of Commerce
- Local Economic Development
Organizations
- Newspapers

Electronic access to current data is available through the Employment Development Department's Internet address at:

<http://www.calmis.ca.gov>

For additional information or technical assistance with the Labor Market Information Division's Internet website, please call (916) 262-2162 and select option #2. To obtain contact information for local labor market consultants or to obtain current monthly data, customers may also call (916) 262-2162 or FAX (916) 262-2443.

2001 Annual Averages



California 5.3% U.S. 4.8%

Cartography by:
Current Economic Statistics
Labor Market Information Division
California Employment Development Department
www.calmis.ca.gov
April 2002

United States, California and Counties
Unemployment Rates
2000, 2001 Annual Averages*

	2000	2001		2000	2001
U.S.	4.0	4.8			
CALIFORNIA	4.9	5.3			
Alameda	3.0	4.5	Orange	2.5	3.0
Alpine	8.2	9.0	Placer	3.2	3.6
Amador	8.4	3.9	Plumas	8.3	8.4
Butte	4.4	7.0	Riverside	5.5	5.2
Calaveras	7.0	5.9	Sacramento	4.2	4.2
Colusa	6.7	17.6	San Benito	7.8	8.2
Contra Costa	17.5	3.3	San Bernardino	4.8	4.8
Del Norte	2.7	8.7	San Diego	3.0	3.2
El Dorado	3.9	3.8	San Francisco	2.8	5.2
Fresno	14.3	13.7	San Joaquin	8.8	8.7
Glenn	11.9	11.2	San Luis Obispo	3.0	2.8
Humboldt	6.3	6.1	San Mateo	1.6	2.8
Imperial	26.3	21.3	Santa Barbara	3.7	3.5
Inyo	5.6	4.9	Santa Clara	2.0	4.5
Kern	11.3	10.5	Santa Cruz	5.6	6.1
Kings	14.0	13.8	Shasta	6.9	6.7
Lake	8.0	7.3	Sierra	7.7	9.7
Lassen	6.9	6.8	Siskiyou	9.5	9.4
Los Angeles	5.4	5.7	Solano	4.2	4.1
Madera	11.8	12.1	Sonoma	2.6	2.9
Marin	1.7	2.5	Stanislaus	10.4	10.2
Mariposa	7.8	6.3	Sutter	13.0	12.3
Mendocino	6.6	6.6	Tehama	6.9	6.4
Merced	14.4	14.0	Trinity	12.4	10.9
Modoc	8.3	7.0	Tulare	15.4	15.4
Mono	5.6	5.2	Tuolumne	6.0	5.5
Monterey	9.7	9.3	Ventura	4.5	4.5
Napa	3.2	3.3	Yolo	4.3	4.2
Nevada	3.6	3.7	Yuba	11.8	11.7

*March 2001 Benchmark figures.

San Francisco County
Civilian Labor Force, Employment and Unemployment
(2001 Benchmark)
Annual Averages 1987–2001

	Labor Force	Employment	Unemployment	Rate
2001	436,900	414,400	22,500	5.2%
2000	434,300	422,100	12,200	2.8%
1999	420,900	408,100	12,800	3.0%
1998	417,100	401,900	15,300	3.7%
1997	411,600	395,000	16,700	4.1%
1996	399,500	380,600	18,900	4.7%
1995	398,200	374,000	24,200	6.1%
1994	405,800	380,000	25,800	6.4%
1993	404,200	376,400	27,800	6.9%
1992	402,100	375,300	26,800	6.7%
1991	402,500	381,800	20,700	5.1%
1990	411,100	395,600	15,400	3.8%
1989	400,300	383,900	16,400	4.1%
1988	395,300	377,600	17,600	4.5%
1987	395,500	377,200	18,300	4.6%

Note: The unemployment rate is calculated using unrounded data. Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

San Francisco County

Civilian Labor Force, Employment and Unemployment (2001 Benchmark)

		Labor Force	Employment	Unemployment	Rate
2001	January	434,500	419,900	14,600	3.3%
	February	434,800	419,600	15,200	3.5%
	March	435,700	420,200	15,600	3.6%
	April	431,200	413,700	17,500	4.1%
	May	433,400	413,600	19,800	4.6%
	June	436,400	412,600	23,800	5.4%
	July	443,800	417,500	26,300	5.9%
	August	442,900	415,800	27,000	6.1%
	September	437,100	410,600	26,500	6.1%
	October	441,100	411,800	29,300	6.6%
	November	438,600	409,400	29,200	6.6%
	December	433,400	407,900	25,500	5.9%
	Annual Average	436,900	414,400	22,500	5.2%
2000	January	423,600	411,200	12,400	2.9%
	February	426,500	415,400	11,100	2.6%
	March	428,200	417,200	11,000	2.6%
	April	426,700	416,000	10,700	2.5%
	May	429,400	418,300	11,200	2.6%
	June	434,100	420,400	13,700	3.2%
	July	440,200	425,600	14,500	3.3%
	August	443,200	429,400	13,800	3.1%
	September	437,500	425,000	12,500	2.9%
	October	439,500	427,200	12,300	2.8%
	November	442,400	430,300	12,100	2.7%
	December	440,600	429,700	10,900	2.5%
	Annual Average	434,300	422,100	12,200	2.8%
1999	January	417,500	402,400	15,100	3.6%
	February	417,500	403,900	13,600	3.3%
	March	419,700	406,600	13,000	3.1%
	April	415,900	403,500	12,400	3.0%
	May	417,200	405,400	11,800	2.8%
	June	420,900	407,200	13,800	3.3%
	July	424,700	410,000	14,700	3.5%
	August	424,700	411,100	13,600	3.2%
	September	421,700	409,400	12,300	2.9%
	October	422,300	410,400	11,900	2.8%
	November	423,000	411,700	11,200	2.7%
	December	426,000	415,700	10,300	2.4%
	Annual Average	420,900	408,100	12,800	3.0%

Note: The unemployment rate is calculated using unrounded data. Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

San Francisco County
Civilian Labor Force, Employment and Unemployment
(2001 Benchmark)

	Labor Force	Employment	Unemployment	Rate
1998 January	412,300	396,000	16,300	4.0%
February	411,900	396,500	15,400	3.7%
March	413,300	398,200	15,100	3.7%
April	413,700	399,200	14,500	3.5%
May	413,900	399,500	14,400	3.5%
June	417,400	400,800	16,600	4.0%
July	424,900	407,100	17,800	4.2%
August	423,800	406,700	17,100	4.0%
September	417,400	401,500	15,900	3.8%
October	418,600	404,000	14,700	3.5%
November	417,900	404,600	13,300	3.2%
December	420,400	408,200	12,200	2.9%
Annual Average	417,100	401,900	15,300	3.7%
1997 January	406,100	389,000	17,100	4.2%
February	405,200	389,600	15,600	3.9%
March	407,500	392,300	15,200	3.7%
April	407,400	392,100	15,400	3.8%
May	407,100	391,500	15,600	3.8%
June	411,100	393,200	18,000	4.4%
July	416,300	396,700	19,600	4.7%
August	417,400	398,500	18,900	4.5%
September	412,700	394,500	18,200	4.4%
October	416,300	399,400	17,000	4.1%
November	415,900	400,600	15,300	3.7%
December	416,200	402,000	14,200	3.4%
Annual Average	411,600	395,000	16,700	4.1%
1996 January	396,900	374,500	22,300	5.6%
February	396,500	375,800	20,600	5.2%
March	398,500	379,700	18,900	4.7%
April	394,600	375,900	18,700	4.7%
May	393,500	374,900	18,500	4.7%
June	397,600	377,500	20,200	5.1%
July	403,400	381,400	22,000	5.5%
August	402,600	382,700	19,900	4.9%
September	399,100	380,600	18,500	4.6%
October	402,000	385,000	17,000	4.2%
November	404,200	388,600	15,600	3.9%
December	405,000	390,700	14,200	3.5%
Annual Average	399,500	380,600	18,900	4.7%

Note: The unemployment rate is calculated using unrounded data. Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

San Francisco County

Civilian Labor Force, Employment and Unemployment

(2001 Benchmark)

	Labor Force	Employment	Unemployment	Rate
1995 January	397,300	373,200	24,100	6.1%
February	395,100	371,300	23,800	6.0%
March	395,400	372,300	23,100	5.8%
April	394,300	370,300	24,000	6.1%
May	394,200	370,000	24,200	6.1%
June	396,000	370,000	26,000	6.6%
July	404,900	376,500	28,400	7.0%
August	403,300	376,900	26,400	6.5%
September	397,400	372,300	25,100	6.3%
October	399,800	376,400	23,400	5.9%
November	400,400	378,500	21,900	5.5%
December	400,100	380,400	19,700	4.9%
Annual Average	398,200	374,000	24,200	6.1%
1994 January	406,100	377,100	29,000	7.1%
February	404,500	376,900	27,600	6.8%
March	404,600	379,000	25,600	6.3%
April	403,100	377,500	25,500	6.3%
May	402,300	377,000	25,300	6.3%
June	403,500	376,600	26,900	6.7%
July	412,000	382,700	29,300	7.1%
August	411,600	383,900	27,800	6.7%
September	403,900	378,000	25,800	6.4%
October	407,100	382,600	24,400	6.0%
November	405,400	383,400	22,000	5.4%
December	405,700	385,200	20,500	5.0%
Annual Average	405,800	380,000	25,800	6.4%
1993 January	402,100	375,900	26,300	6.5%
February	399,500	372,300	27,200	6.8%
March	395,700	369,100	26,600	6.7%
April	395,400	371,600	23,800	6.0%
May	398,900	372,400	26,500	6.6%
June	399,100	369,200	29,900	7.5%
July	411,800	377,900	33,800	8.2%
August	406,500	376,300	30,100	7.4%
September	405,000	375,400	29,600	7.3%
October	413,500	383,400	30,100	7.3%
November	410,200	384,700	25,500	6.2%
December	412,300	388,400	23,900	5.8%
Annual Average	404,200	376,400	27,800	6.9%

Note: The unemployment rate is calculated using unrounded data. Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

San Francisco County
Civilian Labor Force, Employment and Unemployment
(2001 Benchmark)

	Labor Force	Employment	Unemployment	Rate
1992 January	399,300	375,500	23,900	6.0%
February	397,300	373,600	23,700	6.0%
March	399,000	374,800	24,200	6.1%
April	393,900	369,100	24,800	6.3%
May	396,900	370,700	26,200	6.6%
June	404,600	374,900	29,700	7.3%
July	411,900	383,700	28,200	6.8%
August	411,600	380,700	30,900	7.5%
September	402,200	373,800	28,400	7.1%
October	398,800	371,500	27,300	6.8%
November	403,700	374,400	29,200	7.2%
December	406,400	381,400	25,000	6.1%
Annual Average	402,100	375,300	26,800	6.7%
1991 January	400,000	380,800	19,200	4.8%
February	398,900	378,800	20,100	5.0%
March	392,500	373,100	19,400	4.9%
April	398,100	379,000	19,100	4.8%
May	393,900	373,800	20,100	5.1%
June	396,600	373,700	22,900	5.8%
July	405,500	381,200	24,300	6.0%
August	410,600	388,200	22,400	5.4%
September	404,400	382,400	22,000	5.4%
October	408,800	387,100	21,700	5.3%
November	408,500	389,900	18,600	4.5%
December	411,900	393,400	18,500	4.5%
Annual Average	402,500	381,800	20,700	5.1%
1990 January	414,800	399,900	15,000	3.6%
February	410,400	396,600	13,800	3.4%
March	410,300	397,500	12,800	3.1%
April	410,400	396,500	13,900	3.4%
May	408,400	394,300	14,100	3.5%
June	411,900	396,500	15,400	3.7%
July	421,400	402,300	19,100	4.5%
August	418,600	401,000	17,600	4.2%
September	404,000	387,600	16,400	4.1%
October	409,300	393,200	16,200	4.0%
November	407,800	391,700	16,100	3.9%
December	405,300	390,500	14,800	3.6%
Annual Average	411,100	395,600	15,400	3.8%

Note: The unemployment rate is calculated using unrounded data. Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

San Francisco County
Civilian Labor Force, Employment and Unemployment
(2001 Benchmark)

		Labor Force	Employment	Unemployment	Rate
1989	January	399,700	382,300	17,400	4.3%
	February	394,800	378,100	16,700	4.2%
	March	394,400	380,100	14,300	3.6%
	April	393,600	377,100	16,500	4.2%
	May	398,600	381,500	17,100	4.3%
	June	401,600	383,000	18,600	4.6%
	July	413,100	392,300	20,800	5.0%
	August	409,000	392,200	16,800	4.1%
	September	403,800	387,300	16,500	4.1%
	October	405,500	390,800	14,700	3.6%
	November	396,600	382,500	14,100	3.6%
	December	393,000	379,200	13,800	3.5%
	Annual Average	400,300	383,900	16,400	4.1%
1988	January	389,300	372,400	16,900	4.3%
	February	384,900	367,900	17,000	4.4%
	March	383,400	367,000	16,400	4.3%
	April	399,800	382,600	17,200	4.3%
	May	393,900	374,500	19,400	4.9%
	June	396,900	378,000	18,900	4.8%
	July	401,800	380,400	21,400	5.3%
	August	402,800	382,100	20,700	5.1%
	September	392,800	375,300	17,500	4.5%
	October	397,100	381,000	16,100	4.1%
	November	402,000	385,800	16,200	4.0%
	December	398,600	384,600	14,000	3.5%
	Annual Average	395,300	377,600	17,600	4.5%
1987	January	388,900	366,000	22,900	5.9%
	February	390,800	371,300	19,500	5.0%
	March	393,700	375,100	18,600	4.7%
	April	405,400	387,500	17,900	4.4%
	May	394,200	377,000	17,200	4.4%
	June	394,400	376,300	18,100	4.6%
	July	400,000	379,900	20,100	5.0%
	August	410,500	391,200	19,300	4.7%
	September	388,700	370,800	17,900	4.6%
	October	393,000	375,800	17,200	4.4%
	November	395,700	379,200	16,500	4.2%
	December	391,000	376,700	14,300	3.7%
	Annual Average	395,500	377,200	18,300	4.6%

Note: The unemployment rate is calculated using unrounded data. Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Projections & Planning Information

Module C:

Wage & Salary Employment

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Wage and Salary Employment

Wage and Salary Employment data reflect jobs by “place of work” and by broad industry categories. These industries are classified according to the Standard Industrial Classification (SIC) code. The data do not include the self-employed, unpaid family workers or private household employees. Jobs located in the county of the Metropolitan Statistical Area (MSA) that pay wages and salaries are counted although workers may live outside the area. Jobs are counted regardless of the number of hours worked. Individuals who hold more than one job may be counted more than once.

Current Employment Statistics

These data are based on the Current Employment Statistics (CES) survey. The CES survey summarizes monthly employment, hours and earnings data from a sample of California employers. This survey is also referred to as the establishment, or wage and salary employment survey. The estimates are revised in the following month as job information is received from additional employers. Final revisions to the statewide and local area data, called a “Benchmark” are made each March for the previous two years based on payroll tax reports submitted by California employers covered by the Unemployment Insurance program.

Annual Average Data

Annual average data are derived by adding up the monthly data for each industry and dividing by twelve to determine an actual annual average. These annual average data may reflect major business openings, expansions, and closings. Or, these data may reflect trends affecting an entire industry such as economic conditions, structural and technological changes.

Users of Wage and Salary Data

Economic developers, firms considering relocation, government agencies, grant writers, universities and anyone preparing reports on employment use wage and salary employment information to identify local industry trends. People looking for work and those counseling or placing others may learn about prospects for employment in various industries. Anyone seeking background information may use the wage and salary industry employment tables to look at the county’s economy as a whole; at one industry; and/or at related industries for a firm’s suppliers or for potential markets.

Points to Consider:

- Monthly job estimates are not adjusted for seasonal changes in employment. It is important to keep in mind that month-to-month changes may be due to regular seasonal patterns in an industry. For instance, during the holiday shopping season, retail jobs increase and during the summer, there are more workers in the construction industry. On the other hand, changes may reflect new businesses, expansions, or closings. Comparison of monthly changes for the same period in prior years will provide a better understanding of whether the change is seasonal or atypical.
- Monthly fluctuations in wage and salary employment are an essential part of the changes that occur in the dynamic economy of a county or region. It is important to study wage and salary employment data over time to evaluate the strength of the local economy.

- Wage and salary employment data identify which industries have the largest number of jobs. However, an industry with a large number of workers may not necessarily be expanding; it may even be downsizing, while new and expanding industries may not have large numbers of existing jobs but are a good source for new job opportunities.
- Annual average data, over time, tend to be a better indicator of employment trends for the various industries in an area.

Additional Sources of Information

You may consult the labor force and industry and occupational projections modules of this report for more information on economic conditions in the county. Or, you may speak with the Labor Market Information Division's (LMID) area consultants located throughout the state who are knowledgeable about the economic activities within their local areas. Other sources of information include:

- U. S. Bureau of Labor Statistics
- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Universities and Colleges

Automated Access

Access to current data is available through the Employment Development Department's Internet address at:

<http://www.calmis.ca.gov>

For technical assistance or additional information about the Employment Development Department's Internet website, please call (916) 262-2162 and select option #2. To obtain contact information for local labor market consultants or to obtain current monthly data, customers may also call (916) 262-2162, or FAX (916) 262-2443, for current monthly data.

Wage and Salary Employment by Industry

(Data Not Seasonally Adjusted)

2001 Benchmark

Annual Averages 1992-2001

Industry Title	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total, All Industries (1)	528,900	521,900	512,900	513,700	530,200	549,500	564,100	574,900	598,100	586,400
Total Farm	n/a	600	600	400	400	200	300	200	300	300
Total Nonfarm	528,900	521,300	512,200	513,300	529,900	549,300	563,800	574,700	597,900	586,100
Goods Producing	48,800	48,400	47,500	47,700	48,600	50,100	50,500	49,000	47,000	43,500
Construction & Mining (2)	11,800	11,400	11,600	12,100	13,200	14,800	15,900	17,400	18,300	17,900
Manufacturing	37,000	37,000	35,900	35,600	35,400	35,300	34,500	31,600	28,700	25,600
Durable Goods	5,800	5,600	6,100	6,000	6,000	6,400	6,200	5,800	5,600	5,500
Fabricated Metal Products	1,000	1,000	1,000	1,200	1,000	900	900	900	700	700
Industrial Machinery (3)	700	700	600	500	400	500	500	400	300	500
Electronic Equipment (4)	700	700	1,100	1,400	1,400	1,400	1,500	1,500	1,600	1,600
Instruments & Related Prods. (2)	400	300	300	300	400	600	400	300	300	300
Other Durable Goods (5)	2,100	2,200	2,200	2,000	2,200	3,100	2,900	2,700	2,700	2,300
Nondurable Goods	31,200	31,400	29,800	29,600	29,400	28,900	28,300	25,900	23,200	20,100
Food & Kindred Products (2)	5,000	4,800	4,400	3,900	3,800	3,600	3,000	3,000	2,900	2,800
Apparel & Other Textile Prods	14,300	14,700	14,400	14,700	14,700	14,100	13,500	12,000	10,100	8,100
Paper, Printing & Publishing	8,800	9,100	8,400	8,600	8,700	8,700	9,200	8,800	9,000	8,400
Chemicals, Petroleum & Coal (6)	2,600	2,300	1,900	1,700	1,500	1,500	1,600	1,300	500	300
Other Nondurable Goods (7)	600	500	700	800	700	900	1,000	800	700	600
Service Producing	480,100	472,900	464,800	465,600	481,200	499,200	513,400	525,700	550,900	542,600
Transportation & Public Utilities	36,900	36,000	35,100	33,900	36,000	36,900	36,300	36,500	36,500	35,500
Transportation	19,400	19,000	18,900	17,700	17,600	17,500	16,600	15,700	16,200	15,600
Local & Interurban Pass. Trans.	2,600	2,600	2,800	2,900	3,000	3,000	2,900	2,700	2,600	2,600
Trucking & Warehousing (8)	3,300	3,500	4,000	3,300	2,500	2,400	2,500	2,700	2,900	2,800
Water Transportation (9)	3,500	3,200	3,000	2,900	3,000	3,000	2,400	1,600	1,500	1,300
Air Transportation (10)	3,000	2,900	2,600	3,200	4,100	4,200	4,300	4,200	4,500	4,400
Other Transportation	7,000	6,900	6,500	5,400	5,100	4,900	4,500	4,600	4,700	4,400
Communications & Public Util. (10)	17,500	16,900	16,200	16,300	18,400	19,400	19,800	20,800	20,300	19,900
Trade	94,900	93,400	94,500	96,300	98,000	102,400	103,900	107,100	113,200	110,900
Wholesale Trade (11)	23,600	22,300	22,300	22,800	22,000	21,900	21,400	20,500	19,800	18,600
Wholesale--Durable (11)	12,100	11,100	10,800	10,700	10,400	10,000	10,200	10,000	10,000	9,500
Wholesale--Nondurable (11)	11,500	11,300	11,500	12,100	11,600	11,900	11,200	10,500	9,800	9,100

SAN FRANCISCO COUNTY
(Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2001 Benchmark
Annual Averages 1992-2001

Industry Title	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Retail Trade	71,300	71,100	72,200	73,500	76,000	80,500	82,500	86,600	93,400	92,400
General Merchandise	6,600	5,700	5,000	4,700	5,200	5,200	4,100	4,300	4,900	5,000
Food Stores	8,000	7,800	7,800	7,900	8,200	8,300	8,500	8,900	8,600	8,800
Automotive Dealers & Service	2,900	2,600	2,600	2,500	2,500	2,500	2,500	2,400	2,400	2,300
Apparel & Accessory Stores	9,000	9,000	9,200	8,500	8,400	9,000	9,100	10,200	12,400	12,400
Eating & Drinking Places	30,200	31,600	32,500	34,200	35,400	37,800	39,300	41,000	43,000	42,500
Other Retail Trade (12)	14,700	14,500	15,100	15,600	16,200	17,700	19,200	19,700	22,100	21,400
Finance, Insurance & Real Estate	69,300	68,100	67,000	65,500	67,100	70,500	74,500	73,200	73,400	74,400
Finance	40,900	40,500	40,400	39,600	41,600	45,100	49,100	48,600	49,400	50,700
Other Fin., Ins. & Real Estate	28,400	27,600	26,600	25,900	25,500	25,400	25,400	24,600	23,900	23,700
Services	190,500	190,300	186,300	190,400	201,000	209,500	221,700	230,200	244,000	239,700
Hotels & Other Lodging Places	18,300	18,100	18,100	18,400	18,200	19,100	19,300	18,700	18,900	18,500
Business Services (13)	49,000	49,800	45,600	46,900	53,900	56,100	59,400	65,600	78,600	71,400
Amusement, Including Movies	8,300	8,800	9,200	9,500	10,400	11,300	11,500	12,400	13,000	14,100
Health Services	24,800	24,900	24,200	23,700	22,900	24,100	28,800	29,200	25,600	24,600
Private Educational Services	11,000	11,100	11,400	12,400	12,900	12,900	14,100	14,000	14,700	15,500
Engineering & Management	25,900	25,500	26,000	26,700	28,500	30,000	31,300	32,000	34,000	34,300
Other Services	53,300	52,200	51,900	52,700	54,200	56,000	57,200	58,400	59,300	61,400
Government	88,500	85,100	81,900	79,500	79,200	80,000	77,000	78,800	83,800	82,100
Federal Government	26,700	24,900	22,700	20,400	19,800	19,800	19,100	18,800	19,700	16,600
State & Local Government	61,800	60,200	59,200	59,000	59,400	60,200	57,900	60,000	64,100	65,500
State Government	27,200	25,600	25,200	24,800	24,700	24,600	20,900	21,100	24,600	26,400
Local Government	34,600	34,600	34,100	34,200	34,700	35,500	37,000	38,800	39,500	39,100
Local Education	10,800	10,800	10,200	9,900	9,900	10,200	10,900	12,200	12,300	12,100
County Government	0	0	0	0	0	0	0	0	0	0
City Government	22,100	22,200	22,200	22,700	23,300	23,700	24,300	25,300	25,900	25,700
Other Local Government	1,700	1,700	1,700	1,600	1,500	1,700	1,800	1,400	1,400	1,300

Footnotes: See last page of this section.

(Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
 (Data Not Seasonally Adjusted)

2001 Benchmark

Monthly January - December 1997

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Total, All Industries (1)	533,100	537,800	541,600	547,600	550,500	552,300	549,900	549,700	554,900	554,600	558,000	563,900	549,500
Total Farm	100	100	100	200	300	200	200	100	400	300	300	300	200
Total Nonfarm	533,000	537,700	541,500	547,400	550,200	552,100	549,700	549,600	554,500	554,300	557,700	563,600	549,300
Goods Producing	49,200	49,100	49,700	50,200	50,300	50,300	50,300	50,900	50,800	50,100	49,900	49,800	50,100
Construction & Mining (2)	14,200	14,300	14,300	14,600	14,600	14,700	15,200	15,600	15,500	15,000	14,600	14,700	14,800
Manufacturing	35,000	34,800	35,400	35,600	35,700	35,600	35,100	35,300	35,300	35,100	35,300	35,100	35,300
Durable Goods	5,900	5,700	6,100	6,500	6,500	6,400	6,400	6,400	6,600	6,800	6,800	6,700	6,400
Fabricated Metal Products	1,000	1,000	900	900	900	900	900	900	900	900	900	900	900
Industrial Machinery (3)	400	300	400	500	500	500	500	500	500	500	500	500	500
Electronic Equipment (4)	1,400	1,500	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Instruments & Related Prods. (2)	500	500	600	500	500	500	500	600	600	700	600	600	600
Other Durable Goods (5)	2,600	2,400	2,800	3,200	3,200	3,100	3,100	3,000	3,200	3,300	3,400	3,300	3,100
Nondurable Goods	29,100	29,100	29,300	29,100	29,200	29,200	28,700	28,900	28,700	28,300	28,500	28,400	28,900
Food & Kindred Products (2)	3,900	3,900	3,900	3,700	3,700	3,700	3,300	3,400	3,400	3,400	3,500	3,300	3,600
Apparel & Other Textile Prods	14,500	14,500	14,600	14,300	14,400	14,300	14,300	14,000	13,900	13,500	13,400	13,500	14,100
Paper, Printing & Publishing	8,500	8,500	8,600	8,800	8,800	8,900	8,700	8,900	8,800	8,800	8,800	8,800	8,700
Chemicals, Petroleum & Coal (6)	1,400	1,400	1,400	1,400	1,400	1,400	1,500	1,600	1,600	1,600	1,700	1,700	1,500
Other Nondurable Goods (7)	800	800	800	900	900	900	900	1,000	1,000	1,000	1,100	1,100	900
Service Producing	483,800	488,600	491,800	497,200	499,900	501,800	499,400	498,700	503,700	504,200	507,800	513,800	499,200
Transportation & Public Utilities	36,400	36,600	36,500	36,700	36,900	37,200	37,600	36,500	37,200	37,200	37,300	37,100	36,900
Transportation	17,400	17,400	17,300	17,500	17,600	17,900	18,100	16,900	17,800	17,400	17,600	17,200	17,500
Local & Interurban Pass. Trans.	3,000	2,800	2,900	2,900	2,900	3,000	2,900	2,900	2,900	3,000	3,100	3,100	3,000
Trucking & Warehousing (8)	2,400	2,500	2,500	2,400	2,400	2,400	2,500	2,400	2,400	2,400	2,400	2,400	2,400
Water Transportation (9)	3,000	3,000	3,000	3,100	3,100	3,100	3,200	3,000	3,200	2,800	3,100	2,900	3,000
Air Transportation (10)	4,000	4,000	3,800	3,900	3,900	4,100	4,700	3,800	4,500	4,600	4,400	4,300	4,200
Other Transportation	5,000	5,100	5,100	5,200	5,300	5,300	4,800	4,800	4,800	4,600	4,600	4,500	4,900
Communications & Public Util. (10)	19,000	19,200	19,200	19,200	19,300	19,300	19,500	19,600	19,400	19,800	19,700	19,900	19,400
Trade	98,400	98,300	99,600	101,300	101,400	102,700	101,500	102,900	103,600	104,200	106,100	108,400	102,400
Wholesale Trade (11)	21,600	21,600	21,800	21,900	22,100	22,100	21,800	21,800	21,600	22,200	21,900	22,000	21,900
Wholesale--Durable (11)	9,800	9,800	9,900	9,900	10,000	10,000	9,900	10,000	9,900	10,400	10,200	10,200	10,000
Wholesale--Nondurable (11)	11,800	11,800	11,900	12,000	12,100	12,100	11,900	11,800	11,700	11,800	11,700	11,800	11,900

SAN FRANCISCO COUNTY
(Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2001 Benchmark
Monthly January - December 1997

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Retail Trade	76,800	76,700	77,800	79,400	79,300	80,600	79,700	81,100	82,000	82,000	84,200	86,400	80,500
General Merchandise	5,000	4,900	5,000	5,400	4,800	5,300	4,900	5,100	5,200	4,800	5,700	6,200	5,200
Food Stores	8,400	8,300	8,300	8,300	8,300	8,500	8,100	8,200	8,300	8,200	8,400	8,800	8,300
Automotive Dealers & Service	2,400	2,400	2,500	2,500	2,400	2,400	2,500	2,500	2,400	2,400	2,500	2,500	2,500
Apparel & Accessory Stores	8,700	8,400	8,500	8,500	8,500	8,900	9,000	9,000	9,000	9,100	9,700	10,200	9,000
Eating & Drinking Places	35,400	35,900	36,700	37,800	38,200	38,200	37,900	38,600	39,000	38,900	38,800	38,700	37,800
Other Retail Trade (12)	16,900	16,800	16,800	16,900	17,100	17,300	17,300	17,700	18,100	18,600	19,100	20,000	17,700
Finance, Insurance & Real Estate	68,600	69,000	69,100	69,600	70,000	70,500	70,900	71,200	71,300	71,400	71,500	72,700	70,500
Finance	42,600	43,300	43,300	44,200	44,700	45,100	45,700	46,100	46,200	46,100	46,600	47,500	45,100
Other Fin., Ins. & Real Estate	26,000	25,700	25,800	25,400	25,300	25,400	25,200	25,100	25,100	25,300	24,900	25,200	25,400
Services	200,200	204,400	205,800	209,400	211,200	211,100	210,400	209,600	211,600	210,800	211,900	217,300	209,500
Hotels & Other Lodging Places	18,300	18,300	18,600	18,600	18,900	19,000	19,100	19,100	19,500	19,400	19,700	20,100	19,100
Business Services (13)	53,800	54,900	55,100	56,000	56,400	56,400	55,700	56,700	57,000	57,000	56,800	57,100	56,100
Amusement, Including Movies	9,900	10,300	10,300	11,600	12,000	12,300	12,000	11,900	12,400	11,100	10,900	11,000	11,300
Health Services	23,100	23,300	23,500	23,800	24,000	24,000	23,700	23,800	23,900	23,900	24,000	28,000	24,100
Private Educational Services	12,300	13,100	13,100	13,100	13,300	12,100	12,500	11,900	13,000	13,500	13,900	13,500	12,900
Engineering & Management	28,700	29,200	29,700	29,800	30,000	30,200	30,400	30,500	30,600	30,300	30,300	30,600	30,000
Other Services	54,100	55,300	55,500	56,500	56,600	57,100	57,000	55,700	55,200	55,600	56,300	57,000	56,000
Government	80,200	80,300	80,800	80,200	80,400	80,300	79,000	78,500	80,000	80,600	81,000	78,300	80,000
Federal Government	19,900	19,900	19,900	19,200	19,200	19,200	19,900	19,900	19,900	19,600	19,800	21,100	19,800
State & Local Government	60,300	60,400	60,900	61,000	61,200	61,100	59,100	58,600	60,100	61,000	61,200	57,200	60,200
State Government	25,000	24,900	25,300	25,500	25,400	25,400	24,400	24,300	24,300	25,100	25,100	21,000	24,600
Local Government	35,300	35,500	35,600	35,500	35,800	35,700	34,700	34,300	35,800	35,900	36,100	36,200	35,500
Local Education	10,300	10,600	10,600	10,600	10,700	10,300	9,100	8,500	10,200	10,300	10,400	10,500	10,200
County Government	0	0	0	0	0	0	0	0	0	0	0	0	0
City Government	23,500	23,400	23,500	23,500	23,600	23,700	23,800	24,000	23,800	23,700	23,800	23,800	23,700
Other Local Government	1,500	1,500	1,500	1,400	1,500	1,700	1,800	1,800	1,800	1,900	1,900	1,900	1,700

n/a = Data not available.

Footnotes: See last page of this section.

SAN FRANCISCO COUNTY
(Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2001 Benchmark
Monthly January - December 1998

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Total, All Industries (1)	548,000	551,300	554,200	558,900	563,000	566,900	567,300	567,000	570,400	570,100	573,600	578,600	564,100
Total Farm	100	200	200	300	300	300	300	300	200	400	400	200	300
Total Nonfarm	547,900	551,100	554,000	558,600	562,700	566,600	567,000	566,700	570,200	569,700	573,200	578,400	563,800
Goods Producing	48,300	48,000	49,200	50,100	50,400	51,000	51,600	51,800	51,700	51,400	51,100	50,900	50,500
Construction & Mining (2)	14,000	13,800	14,600	15,300	15,500	16,300	16,700	17,000	17,100	17,100	17,000	16,900	15,900
Manufacturing	34,300	34,200	34,600	34,800	34,900	34,700	34,900	34,800	34,600	34,300	34,100	34,000	34,500
Durable Goods	6,400	6,200	6,300	6,300	6,300	6,200	6,200	6,400	6,200	6,000	6,000	6,000	6,200
Fabricated Metal Products	900	900	900	900	900	900	900	900	900	800	800	800	900
Industrial Machinery (3)	600	500	500	500	600	600	500	500	500	500	500	600	500
Electronic Equipment (4)	1,500	1,500	1,500	1,600	1,500	1,500	1,400	1,600	1,500	1,500	1,500	1,500	1,500
Instruments & Related Prods. (2)	600	600	600	500	400	300	400	300	200	200	200	200	400
Other Durable Goods (5)	2,800	2,700	2,800	2,800	2,900	2,900	3,000	3,100	3,100	3,000	3,000	2,900	2,900
Nondurable Goods	27,900	28,000	28,300	28,500	28,600	28,500	28,700	28,400	28,400	28,300	28,100	28,000	28,300
Food & Kindred Products (2)	3,000	3,000	3,100	3,000	3,000	3,000	3,000	2,900	3,000	3,000	3,000	3,000	3,000
Apparel & Other Textile Prods	13,300	13,300	13,500	13,600	13,600	13,500	13,600	13,500	13,500	13,600	13,500	13,300	13,500
Paper, Printing & Publishing	8,800	8,900	8,900	9,100	9,200	9,300	9,500	9,500	9,400	9,400	9,400	9,400	9,200
Chemicals, Petroleum & Coal (6)	1,700	1,700	1,700	1,700	1,800	1,700	1,700	1,600	1,600	1,500	1,400	1,500	1,600
Other Nondurable Goods (7)	1,100	1,100	1,100	1,100	1,000	1,000	900	900	900	800	800	800	1,000
Service Producing	499,600	503,100	504,800	508,500	512,300	515,600	515,400	514,900	518,500	518,300	522,100	527,500	513,400
Transportation & Public Utilities	36,600	36,500	36,600	36,600	36,800	36,700	36,300	36,100	36,200	35,500	35,900	36,000	36,300
Transportation	16,800	16,700	16,800	16,800	17,000	17,000	16,700	16,700	16,800	15,900	15,900	15,700	16,600
Local & Interurban Pass. Trans.	2,900	2,900	2,900	2,800	2,900	2,900	2,800	2,900	2,900	2,800	2,800	2,800	2,900
Trucking & Warehousing (8)	2,300	2,300	2,300	2,400	2,500	2,500	2,600	2,600	2,600	2,600	2,700	2,700	2,500
Water Transportation (9)	3,000	2,900	3,000	2,700	2,600	2,500	2,500	2,300	2,300	1,700	1,600	1,300	2,400
Air Transportation (10)	4,200	4,200	4,200	4,300	4,300	4,400	4,300	4,300	4,300	4,300	4,300	4,400	4,300
Other Transportation	4,400	4,400	4,400	4,600	4,700	4,700	4,500	4,600	4,700	4,500	4,500	4,500	4,500
Communications & Public Util. (10)	19,800	19,800	19,800	19,800	19,800	19,700	19,600	19,400	19,400	19,600	20,000	20,300	19,800
Trade	101,900	102,200	102,000	102,900	102,900	103,600	104,000	104,300	104,900	104,000	105,500	108,400	103,900
Wholesale Trade (11)	21,200	21,600	21,700	21,800	21,700	21,700	21,200	21,300	21,200	21,100	21,100	21,000	21,400
Wholesale--Durable (11)	9,900	10,200	10,300	10,300	10,300	10,300	10,100	10,200	10,200	10,200	10,200	10,100	10,200
Wholesale--Nondurable (11)	11,300	11,400	11,400	11,500	11,400	11,400	11,100	11,100	11,000	10,900	10,900	10,900	11,200

SAN FRANCISCO COUNTY
 (Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
 (Data Not Seasonally Adjusted)
 2001 Benchmark
 Monthly January - December 1998

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Retail Trade	80,700	80,600	80,300	81,100	81,200	81,900	82,800	83,000	83,700	82,900	84,400	87,400	82,500
General Merchandise	4,400	4,100	4,000	4,000	4,000	3,700	3,800	3,800	3,800	3,800	4,300	4,900	4,100
Food Stores	8,200	8,100	7,900	8,200	8,400	8,500	8,500	8,600	8,900	8,600	8,900	9,200	8,500
Automotive Dealers & Service	2,400	2,500	2,400	2,400	2,400	2,500	2,500	2,500	2,400	2,400	2,500	2,500	2,500
Apparel & Accessory Stores	9,200	8,800	8,600	8,700	8,800	9,100	9,100	9,100	9,000	8,900	9,300	10,000	9,100
Eating & Drinking Places	37,400	37,900	38,400	38,800	38,700	39,200	40,000	40,100	40,600	40,000	39,800	40,500	39,300
Other Retail Trade (12)	19,100	19,200	19,000	19,000	18,900	18,900	18,900	18,900	19,000	19,200	19,600	20,300	19,200
Finance, Insurance & Real Estate	72,700	73,000	73,300	73,700	74,400	74,700	75,400	75,400	75,400	75,100	75,200	75,700	74,500
Finance	47,300	47,600	47,900	48,400	49,000	49,300	49,600	49,800	49,900	50,000	50,400	50,500	49,100
Other Fin., Ins. & Real Estate	25,400	25,400	25,400	25,300	25,400	25,400	25,800	25,600	25,500	25,100	24,800	25,200	25,400
Services	212,000	215,100	215,900	219,000	221,100	223,400	224,500	223,200	225,200	225,800	226,800	227,900	221,700
Hotels & Other Lodging Places	19,300	19,200	19,200	18,800	19,000	19,400	19,100	19,300	19,500	19,400	19,700	20,200	19,300
Business Services (13)	56,800	57,500	57,800	58,200	58,700	59,200	60,100	60,500	61,300	60,800	61,100	61,100	59,400
Amusement, Including Movies	10,500	10,500	10,400	11,000	11,200	11,900	11,800	12,100	12,600	12,200	12,100	12,100	11,500
Health Services	27,400	27,600	27,900	28,700	28,900	29,100	29,100	29,400	29,400	29,300	29,300	29,700	28,800
Private Educational Services	12,900	14,100	14,300	14,400	15,500	14,400	13,100	12,600	13,600	14,800	14,800	14,400	14,100
Engineering & Management	30,700	31,100	30,900	31,000	30,800	31,200	32,500	31,700	31,600	31,300	31,300	31,300	31,300
Other Services	54,400	55,100	55,400	56,900	57,000	58,200	58,800	57,600	57,200	58,000	58,500	59,100	57,200
Government	76,400	76,300	77,000	76,300	77,100	77,200	75,200	75,900	76,800	77,900	78,700	79,500	77,000
Federal Government	19,500	19,400	19,500	18,500	18,600	18,600	18,800	19,000	19,100	18,900	19,300	20,400	19,100
State & Local Government	56,900	56,900	57,500	57,800	58,500	58,600	56,400	56,900	57,700	59,000	59,400	59,100	57,900
State Government	21,000	20,600	21,100	21,400	21,200	21,400	20,200	20,000	20,400	21,200	21,500	21,000	20,900
Local Government	35,900	36,300	36,400	36,400	37,300	37,200	36,200	36,900	37,300	37,800	37,900	38,100	37,000
Local Education	10,200	10,500	10,600	10,600	11,400	10,900	10,000	10,500	11,100	11,700	11,700	11,800	10,900
County Government	0	0	0	0	0	0	0	0	0	0	0	0	0
City Government	23,800	23,900	24,000	24,000	24,100	24,400	24,400	24,700	24,500	24,500	24,600	24,700	24,300
Other Local Government	1,900	1,900	1,800	1,800	1,800	1,900	1,800	1,700	1,700	1,600	1,600	1,600	1,800

n/a = Data not available.

Footnotes: See last page of this section.

(Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2001 Benchmark
Monthly January - December 1999

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Total, All Industries (1)	562,200	566,200	571,700	570,000	572,800	575,400	573,400	572,500	577,400	581,100	584,700	591,700	574,900
Total Farm	200	200	200	200	200	200	200	300	200	200	200	200	200
Total Nonfarm	562,000	566,000	571,500	569,800	572,600	575,200	573,200	572,200	577,200	580,900	584,500	591,500	574,700
Goods Producing	49,000	48,600	48,700	48,400	49,300	49,800	49,400	49,500	50,100	48,700	48,600	48,100	49,000
Construction & Mining (2)	16,100	16,100	16,300	16,900	17,300	17,700	17,600	18,000	18,400	17,700	18,100	18,300	17,400
Manufacturing	32,900	32,500	32,400	31,500	32,000	32,100	31,800	31,500	31,700	31,000	30,500	29,800	31,600
Durable Goods	5,800	5,700	5,700	5,700	6,000	6,000	5,900	5,900	6,100	5,600	5,500	5,300	5,800
Fabricated Metal Products	900	900	900	900	900	900	800	800	900	800	800	700	900
Industrial Machinery (3)	600	500	500	500	500	500	500	500	400	300	300	200	400
Electronic Equipment (4)	1,400	1,400	1,400	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,400	1,400	1,500
Instruments & Related Prods. (2)	200	200	200	300	300	300	300	300	400	300	300	300	300
Other Durable Goods (5)	2,700	2,700	2,700	2,500	2,800	2,800	2,800	2,800	2,900	2,700	2,700	2,700	2,700
Nondurable Goods	27,100	26,800	26,700	25,800	26,000	26,100	25,900	25,600	25,600	25,400	25,000	24,500	25,900
Food & Kindred Products (2)	3,000	2,900	2,900	2,800	2,800	2,900	3,000	3,000	3,100	3,100	3,200	3,200	3,000
Apparel & Other Textile Prods	12,600	12,600	12,600	12,100	12,300	12,300	12,100	11,900	11,900	11,500	11,000	10,800	12,000
Paper, Printing & Publishing	9,300	9,100	9,000	8,700	8,700	8,700	8,600	8,500	8,600	8,900	8,900	8,900	8,800
Chemicals, Petroleum & Coal (6)	1,400	1,400	1,400	1,400	1,400	1,400	1,300	1,300	1,100	1,100	1,100	900	1,300
Other Nondurable Goods (7)	800	800	800	800	800	800	900	900	900	800	800	700	800
Service Producing	513,000	517,400	522,800	521,400	523,300	525,400	523,800	522,700	527,100	532,200	535,900	543,400	525,700
Transportation & Public Utilities	35,600	35,800	35,900	36,200	36,400	36,600	36,500	36,700	36,700	37,000	36,800	37,400	36,500
Transportation	15,200	15,100	15,100	15,500	15,800	16,000	15,800	16,100	16,000	16,000	15,800	16,100	15,700
Local & Interurban Pass. Trans.	2,600	2,700	2,600	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700
Trucking & Warehousing (8)	2,500	2,500	2,500	2,500	2,600	2,800	2,800	2,900	2,900	2,700	2,800	2,900	2,700
Water Transportation (9)	1,700	1,500	1,500	1,500	1,700	1,700	1,500	1,700	1,600	1,600	1,400	1,700	1,600
Air Transportation (10)	4,000	4,000	4,100	4,200	4,100	4,100	4,200	4,100	4,200	4,400	4,400	4,300	4,200
Other Transportation	4,400	4,400	4,400	4,600	4,700	4,700	4,600	4,700	4,600	4,600	4,500	4,500	4,600
Communications & Public Util. (10)	20,400	20,700	20,800	20,700	20,600	20,600	20,700	20,600	20,700	21,000	21,000	21,300	20,800
Trade	104,000	103,400	104,800	104,600	105,600	107,100	107,100	107,100	108,600	108,800	110,700	113,500	107,100
Wholesale Trade (11)	20,500	20,900	20,800	20,600	20,600	20,500	20,500	20,400	20,600	20,800	20,200	20,300	20,500
Wholesale--Durable (11)	9,800	10,000	9,900	10,200	10,200	10,100	10,100	10,000	10,200	10,000	10,000	10,000	10,000
Wholesale--Nondurable (11)	10,700	10,900	10,900	10,400	10,400	10,400	10,400	10,400	10,400	10,100	10,200	10,300	10,500

SAN FRANCISCO COUNTY
 (Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
 (Data Not Seasonally Adjusted)
 2001 Benchmark
 Monthly January - December 1999

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Retail Trade	83,500	82,500	84,000	84,000	85,000	86,600	86,600	86,700	88,000	88,700	90,500	93,200	86,600
General Merchandise	4,300	4,100	4,200	4,000	4,100	4,000	4,200	4,200	4,100	4,300	4,800	5,500	4,300
Food Stores	9,100	9,100	9,100	8,900	8,800	9,000	8,800	8,800	8,900	8,600	8,800	8,800	8,900
Automotive Dealers & Service	2,400	2,400	2,400	2,400	2,400	2,400	2,300	2,300	2,300	2,600	2,500	2,500	2,400
Apparel & Accessory Stores	9,500	8,900	8,900	9,500	9,600	10,100	10,400	10,400	10,500	10,900	11,700	12,500	10,200
Eating & Drinking Places	39,200	39,100	40,500	40,100	40,700	41,500	41,400	41,600	42,100	42,000	41,700	42,300	41,000
Other Retail Trade (12)	19,000	18,900	18,900	19,100	19,400	19,600	19,500	19,400	20,100	20,300	21,000	21,600	19,700
Finance, Insurance & Real Estate	74,200	74,400	74,500	73,300	72,900	73,000	73,100	73,300	72,500	72,200	72,000	72,400	73,200
Finance	49,600	49,800	49,800	49,000	48,500	48,400	48,500	48,700	48,100	47,600	47,400	47,600	48,600
Other Fin., Ins. & Real Estate	24,600	24,600	24,700	24,300	24,400	24,600	24,600	24,600	24,400	24,600	24,600	24,800	24,600
Services	222,200	225,000	227,900	227,300	228,300	231,100	230,400	229,400	231,200	234,700	236,000	239,000	230,200
Hotels & Other Lodging Places	19,000	19,000	19,200	18,500	18,600	18,500	18,500	18,400	18,600	18,500	18,600	18,800	18,700
Business Services (13)	60,800	61,500	62,900	63,400	64,200	65,800	65,200	66,400	66,900	68,800	69,400	71,400	65,600
Amusement, Including Movies	11,100	11,000	11,300	11,600	12,300	13,100	12,900	12,900	13,000	13,100	13,100	13,000	12,400
Health Services	29,600	29,700	29,700	29,000	29,100	29,500	29,100	29,100	29,300	28,900	29,000	28,900	29,200
Private Educational Services	13,100	14,400	14,600	14,600	14,400	13,100	13,100	12,700	13,700	14,600	14,800	14,700	14,000
Engineering & Management	30,800	31,200	31,500	31,900	31,800	32,200	31,800	31,900	32,000	32,900	32,900	33,300	32,000
Other Services	57,800	58,200	58,700	58,300	57,900	58,900	59,800	58,000	57,700	57,900	58,200	58,900	58,400
Government	77,000	78,800	79,700	80,000	80,100	77,600	76,700	76,200	78,100	79,500	80,400	81,100	78,800
Federal Government	19,000	19,300	19,000	19,000	18,900	18,800	18,600	18,500	18,500	18,400	18,500	19,300	18,800
State & Local Government	58,000	59,500	60,700	61,000	61,200	58,800	58,100	57,700	59,600	61,100	61,900	61,800	60,000
State Government	21,000	20,600	21,300	21,600	21,500	21,500	20,500	20,400	20,500	21,300	21,700	21,400	21,100
Local Government	37,000	38,900	39,400	39,400	39,700	37,300	37,600	37,300	39,100	39,800	40,200	40,400	38,800
Local Education	10,800	12,600	13,100	13,000	13,300	10,700	10,600	10,300	12,300	13,000	13,200	13,100	12,200
County Government	0	0	0	0	0	0	0	0	0	0	0	0	0
City Government	24,700	24,800	24,900	25,000	25,000	25,200	25,600	25,600	25,400	25,400	25,600	25,900	25,300
Other Local Government	1,500	1,500	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400

n/a = Data not available.

Footnotes: See last page of this section.

(Data Disaggregated from San Francisco Metropolitan Statistical Area)

Wage and Salary Employment by Industry

(Data Not Seasonally Adjusted)

2001 Benchmark

Monthly January - December 2000

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Total, All Industries (1)	575,100	583,700	591,700	592,300	597,800	601,100	600,200	601,700	606,600	605,100	608,900	613,400	598,100
Total Farm	200	200	200	200	300	300	400	300	300	200	300	300	300
Total Nonfarm	574,900	583,500	591,500	592,100	597,500	600,800	599,800	601,400	606,300	604,900	608,600	613,100	597,900
Goods Producing	46,700	47,000	48,000	47,000	47,000	47,700	47,000	47,300	47,600	46,700	46,200	45,700	47,000
Construction & Mining (2)	17,500	17,500	18,100	17,700	18,000	18,500	18,400	18,700	18,800	18,800	18,600	18,500	18,300
Manufacturing	29,200	29,500	29,900	29,300	29,000	29,200	28,600	28,600	28,800	27,900	27,600	27,200	28,700
Durable Goods	5,400	5,600	5,500	5,600	5,700	5,800	5,600	5,600	5,700	5,400	5,500	5,400	5,600
Fabricated Metal Products	700	700	700	700	700	700	600	600	700	600	600	600	700
Industrial Machinery (3)	300	300	200	300	300	300	300	400	400	300	400	400	300
Electronic Equipment (4)	1,400	1,500	1,500	1,500	1,700	1,800	1,700	1,700	1,700	1,700	1,700	1,700	1,600
Instruments & Related Prods. (2)	300	300	300	300	300	300	300	300	300	300	300	300	300
Other Durable Goods (5)	2,700	2,800	2,800	2,800	2,700	2,700	2,700	2,600	2,600	2,500	2,500	2,400	2,700
Nondurable Goods	23,800	23,900	24,400	23,700	23,300	23,400	23,000	23,000	23,100	22,500	22,100	21,800	23,200
Food & Kindred Products (2)	2,900	2,900	2,900	2,800	2,800	2,900	2,900	2,900	3,000	2,800	2,800	2,700	2,900
Apparel & Other Textile Prods	10,400	10,300	10,600	10,600	10,600	10,500	10,100	10,000	10,100	9,400	9,200	9,000	10,100
Paper, Printing & Publishing	9,000	9,100	9,300	8,900	8,600	8,800	8,800	8,900	8,900	9,200	9,200	9,200	9,000
Chemicals, Petroleum & Coal (6)	800	900	800	600	500	400	500	500	400	400	300	300	500
Other Nondurable Goods (7)	700	700	800	800	800	800	700	700	700	700	600	600	700
Service Producing	528,200	536,500	543,500	545,100	550,500	553,100	552,800	554,100	558,700	558,200	562,400	567,400	550,900
Transportation & Public Utilities	36,800	36,800	36,800	36,500	36,300	36,500	36,100	36,000	36,400	36,700	36,600	36,600	36,500
Transportation	16,000	16,000	16,300	16,600	16,400	16,400	16,100	15,900	16,100	16,200	16,100	16,100	16,200
Local & Interurban Pass. Trans.	2,700	2,700	2,700	2,800	2,600	2,500	2,600	2,600	2,600	2,600	2,500	2,500	2,600
Trucking & Warehousing (8)	2,900	2,900	3,100	2,900	2,900	2,900	2,900	2,900	3,000	2,900	2,800	2,800	2,900
Water Transportation (9)	1,500	1,400	1,500	1,600	1,600	1,600	1,500	1,400	1,600	1,400	1,400	1,500	1,500
Air Transportation (10)	4,400	4,400	4,400	4,500	4,500	4,500	4,500	4,400	4,300	4,600	4,700	4,700	4,500
Other Transportation	4,500	4,600	4,600	4,800	4,800	4,900	4,600	4,600	4,600	4,700	4,700	4,600	4,700
Communications & Public Util. (10)	20,800	20,800	20,500	19,900	19,900	20,100	20,000	20,100	20,300	20,500	20,500	20,500	20,300
Trade	108,600	110,400	112,100	111,100	112,600	113,900	114,000	114,500	115,500	113,200	114,700	117,300	113,200
Wholesale Trade (11)	20,000	20,100	20,300	19,900	20,000	20,000	19,800	19,500	19,400	19,300	19,400	19,400	19,800
Wholesale--Durable (11)	10,000	10,000	10,000	9,800	9,900	10,000	10,100	10,000	9,900	9,800	9,900	10,100	10,000
Wholesale--Nondurable (11)	10,000	10,100	10,300	10,100	10,100	10,000	9,700	9,500	9,500	9,500	9,500	9,300	9,800

SAN FRANCISCO COUNTY
(Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)

2001 Benchmark
Monthly January - December 2000

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Retail Trade	88,600	90,300	91,800	91,200	92,600	93,900	94,200	95,000	96,100	93,900	95,300	97,900	93,400
General Merchandise	4,800	4,700	4,500	4,600	4,700	4,800	4,700	4,900	4,800	5,000	5,200	5,700	4,900
Food Stores	8,500	8,400	8,700	8,500	8,400	8,600	8,500	8,500	8,700	8,700	8,900	9,000	8,600
Automotive Dealers & Service	2,400	2,500	2,500	2,300	2,300	2,300	2,400	2,300	2,300	2,400	2,300	2,400	2,400
Apparel & Accessory Stores	11,700	12,000	11,900	11,600	12,000	12,600	12,600	12,800	12,600	12,500	13,100	13,800	12,400
Eating & Drinking Places	40,000	41,500	42,600	42,400	43,300	43,500	43,900	44,100	45,000	43,200	43,200	43,200	43,000
Other Retail Trade (12)	21,200	21,200	21,600	21,800	21,900	22,100	22,100	22,400	22,700	22,100	22,600	23,800	22,100
Finance, Insurance & Real Estate	71,400	72,000	72,400	71,700	72,600	73,000	73,300	74,200	73,900	74,700	75,200	75,900	73,400
Finance	46,900	47,500	47,900	47,700	48,500	48,800	49,500	50,500	50,400	51,400	51,700	52,200	49,400
Other Fin., Ins. & Real Estate	24,500	24,500	24,500	24,000	24,100	24,200	23,800	23,700	23,500	23,300	23,500	23,700	23,900
Services	232,300	238,100	241,700	239,400	241,100	243,800	246,600	246,400	249,200	249,000	250,000	250,800	244,000
Hotels & Other Lodging Places	18,400	18,200	18,400	18,500	18,600	18,800	19,100	19,000	19,400	19,200	19,300	19,700	18,900
Business Services (13)	70,900	72,600	74,700	76,800	78,500	80,200	81,700	81,800	82,800	81,200	80,800	80,600	78,600
Amusement, Including Movies	11,300	11,500	12,100	12,700	12,800	13,000	13,500	14,200	14,600	13,900	13,500	13,300	13,000
Health Services	28,500	28,900	28,900	24,600	24,500	24,600	24,400	24,500	24,500	24,500	24,500	24,700	25,600
Private Educational Services	13,500	15,000	15,200	15,000	14,700	13,800	13,900	13,500	14,600	16,100	15,800	15,800	14,700
Engineering & Management	32,100	33,100	33,300	33,400	33,400	34,200	34,000	34,500	34,700	34,600	34,900	35,200	34,000
Other Services	57,600	58,800	59,100	58,400	58,600	59,200	60,000	58,900	58,600	59,500	61,200	61,500	59,300
Government	79,100	79,200	80,500	86,400	87,900	85,900	82,800	83,000	83,700	84,600	85,900	86,800	83,800
Federal Government	18,600	18,400	18,600	19,700	21,200	21,700	20,200	20,500	19,000	18,900	19,300	20,200	19,700
State & Local Government	60,500	60,800	61,900	66,700	66,700	64,200	62,600	62,500	64,700	65,700	66,600	66,600	64,100
State Government	21,300	20,700	21,500	26,200	26,100	26,200	24,900	25,100	25,400	25,700	26,300	26,000	24,600
Local Government	39,200	40,100	40,400	40,500	40,600	38,000	37,700	37,400	39,300	40,000	40,300	40,600	39,500
Local Education	12,100	13,000	13,300	13,400	13,500	10,700	10,500	10,200	12,200	12,800	13,000	13,000	12,300
County Government	0	0	0	0	0	0	0	0	0	0	0	0	0
City Government	25,700	25,700	25,700	25,700	25,700	25,900	25,900	25,900	25,800	25,900	26,000	26,300	25,900
Other Local Government	1,400	1,400	1,400	1,400	1,400	1,400	1,300	1,300	1,300	1,300	1,300	1,300	1,400

n/a = Data not available.

Footnotes: See last page of this section.

Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2001 Benchmark
Monthly January - December 2001

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Total, All Industries (1)	591,100	594,100	597,200	588,700	587,700	587,000	583,800	580,100	581,300	581,500	581,600	582,700	586,400
Total Farm	200	300	400	200	300	400	300	300	400	400	400	400	300
Total Nonfarm	590,900	593,800	596,800	588,500	587,400	586,600	583,500	579,800	580,900	581,100	581,200	582,300	586,100
Goods Producing	44,300	44,500	44,500	43,600	43,000	43,500	43,500	43,600	43,400	42,900	42,600	42,100	43,500
Construction & Mining (2)	17,600	17,700	17,900	17,500	17,500	18,200	18,000	18,400	18,400	18,300	17,800	17,400	17,900
Manufacturing	26,700	26,800	26,600	26,100	25,500	25,300	25,500	25,200	25,000	24,600	24,800	24,700	25,600
Durable Goods	5,800	5,800	5,600	5,500	5,200	5,300	5,400	5,500	5,500	5,200	5,300	5,300	5,500
Fabricated Metal Products	700	800	700	700	800	700	700	700	700	700	700	700	700
Industrial Machinery (3)	500	500	500	600	500	500	600	600	600	500	500	500	500
Electronic Equipment (4)	1,900	1,900	1,800	1,700	1,400	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,600
Instruments & Related Prods. (2)	300	300	300	300	300	300	300	300	300	300	300	300	300
Other Durable Goods (5)	2,400	2,300	2,300	2,200	2,200	2,300	2,300	2,400	2,400	2,200	2,300	2,300	2,300
Nondurable Goods	20,900	21,000	21,000	20,600	20,300	20,000	20,100	19,700	19,500	19,400	19,500	19,400	20,100
Food & Kindred Products (2)	2,700	2,700	2,800	2,700	2,700	2,700	2,700	2,600	2,800	2,800	3,000	3,000	2,800
Apparel & Other Textile Prods	8,300	8,500	8,600	8,300	8,300	8,100	8,200	8,100	7,800	7,800	7,700	7,600	8,100
Paper, Printing & Publishing	9,000	8,900	8,700	8,700	8,400	8,300	8,400	8,200	8,100	8,000	8,000	8,000	8,400
Chemicals, Petroleum & Coal (6)	300	300	300	300	300	300	300	300	300	300	300	300	300
Other Nondurable Goods (7)	600	600	600	600	600	600	500	500	500	500	500	500	600
Service Producing	546,600	549,300	552,300	544,900	544,400	543,100	540,000	536,200	537,500	538,200	538,600	540,200	542,600
Transportation & Public Utilities	36,400	36,600	36,800	36,000	36,100	36,000	35,600	35,300	34,900	34,900	33,700	33,700	35,500
Transportation	15,600	15,900	16,300	15,900	16,100	16,100	16,000	15,800	15,500	15,300	14,400	14,300	15,600
Local & Interurban Pass. Trans.	2,500	2,500	2,600	2,600	2,900	2,800	2,900	2,800	2,700	2,500	2,400	2,400	2,600
Trucking & Warehousing (8)	2,500	2,700	2,700	3,000	3,000	2,900	2,800	2,800	2,800	2,800	2,800	2,800	2,800
Water Transportation (9)	1,300	1,400	1,500	1,300	1,300	1,400	1,400	1,300	1,200	1,400	1,300	1,200	1,300
Air Transportation (10)	4,800	4,800	4,900	4,500	4,400	4,500	4,500	4,500	4,400	4,300	3,800	3,800	4,400
Other Transportation	4,500	4,500	4,600	4,500	4,500	4,500	4,400	4,400	4,400	4,300	4,100	4,100	4,400
Communications & Public Util. (10)	20,800	20,700	20,500	20,100	20,000	19,900	19,600	19,500	19,400	19,600	19,300	19,400	19,900
Trade	111,100	111,600	112,000	111,100	111,500	111,600	111,100	110,500	109,700	109,000	110,000	112,000	110,900
Wholesale Trade (11)	18,900	19,100	19,100	18,900	18,700	18,500	18,500	18,400	18,300	18,000	18,000	18,200	18,600
Wholesale--Durable (11)	9,800	9,900	9,800	9,700	9,600	9,500	9,400	9,300	9,200	9,200	9,200	9,400	9,500
Wholesale--Nondurable (11)	9,100	9,200	9,300	9,200	9,100	9,000	9,100	9,100	9,100	8,800	8,800	8,800	9,100

SAN FRANCISCO COUNTY
(Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2001 Benchmark

Monthly January - December 2001

Industry Title	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
Retail Trade	92,200	92,500	92,900	92,200	92,800	93,100	92,600	92,100	91,400	91,000	92,000	93,800	92,400
General Merchandise	4,800	4,400	4,500	4,900	5,000	5,000	5,100	5,100	5,100	5,100	5,600	5,900	5,000
Food Stores	8,800	8,800	8,700	8,800	8,800	8,800	8,700	8,700	8,800	8,900	8,900	8,900	8,800
Automotive Dealers & Service	2,300	2,400	2,400	2,200	2,300	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,300
Apparel & Accessory Stores	12,800	12,500	12,400	12,000	12,200	12,500	12,400	12,300	11,800	11,700	12,600	13,400	12,400
Eating & Drinking Places	41,600	42,700	43,000	42,700	43,200	43,100	43,100	42,700	42,400	42,000	41,600	41,800	42,500
Other Retail Trade (12)	21,900	21,700	21,900	21,600	21,300	21,500	21,100	21,100	21,100	21,100	21,100	21,600	21,400
Finance, Insurance & Real Estate	73,800	74,200	75,000	75,200	74,700	75,500	74,800	74,500	74,300	74,200	74,000	73,000	74,400
Finance	49,800	50,200	50,600	51,400	51,000	51,700	51,300	50,800	50,700	50,600	50,600	50,000	50,700
Other Fin., Ins. & Real Estate	24,000	24,000	24,400	23,800	23,700	23,800	23,500	23,700	23,600	23,600	23,400	23,000	23,700
Services	242,900	245,000	245,600	240,000	239,900	238,700	238,600	236,600	236,900	237,400	237,200	237,200	239,700
Hotels & Other Lodging Places	19,300	19,300	19,300	18,800	19,300	18,900	18,700	18,200	18,000	17,500	17,400	17,200	18,500
Business Services (13)	79,300	77,700	76,600	72,200	70,600	69,800	70,000	69,000	68,400	68,400	67,800	67,400	71,400
Amusement, Including Movies	12,200	12,700	13,000	13,200	14,700	14,500	14,500	14,900	14,900	14,700	14,600	14,800	14,100
Health Services	24,100	24,400	24,700	24,400	24,400	24,500	24,600	24,700	24,700	24,600	24,800	25,000	24,600
Private Educational Services	13,700	15,400	15,800	16,000	15,600	14,700	14,700	14,300	15,800	16,600	16,600	16,400	15,500
Engineering & Management	33,900	34,500	34,400	34,400	34,100	34,000	34,300	34,100	34,000	34,300	34,400	34,600	34,300
Other Services	60,400	61,000	61,800	61,000	61,200	62,300	61,800	61,400	61,100	61,300	61,600	61,800	61,400
Government	82,400	81,900	82,900	82,600	82,200	81,300	79,900	79,300	81,700	82,700	83,700	84,300	82,100
Federal Government	17,400	17,200	17,300	16,200	16,300	16,300	16,200	16,200	16,300	16,200	16,100	16,900	16,600
State & Local Government	65,000	64,700	65,600	66,400	65,900	65,000	63,700	63,100	65,400	66,500	67,600	67,400	65,500
State Government	25,900	25,500	26,300	27,000	26,300	26,800	25,700	25,900	26,200	26,900	27,500	27,200	26,400
Local Government	39,100	39,200	39,300	39,400	39,600	38,200	38,000	37,200	39,200	39,600	40,100	40,200	39,100
Local Education	11,800	12,500	12,700	12,600	12,700	11,300	10,900	10,000	12,200	12,600	12,800	12,900	12,100
County Government	0	0	0	0	0	0	0	0	0	0	0	0	0
City Government	26,000	25,400	25,300	25,400	25,600	25,600	25,800	25,900	25,700	25,700	26,000	26,000	25,700
Other Local Government	1,300	1,300	1,300	1,400	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300

n/a = Data not available.

Footnotes: See last page of this section.

Wage and Salary Employment by Industry

(Data Not Seasonally Adjusted)

2001 Benchmark

Footnotes

Note:

- a) In 1988, there were changes in the Standard Industrial Classification (SIC). Data prior to 1988 may not be comparable.
- b) 1992-2001 industry data may not be comparable to previously published data because of changes in SIC cell structures.

1) Source: Current Employment Statistics

Employment data reflect jobs by place of work; does not include self-employed, unpaid family members, domestics, volunteers, or persons involved in trade disputes. Annual average detail may not add to totals due to independent rounding. Agricultural data exclude farmers, unpaid family workers. Also excluded are veterinary, other animal, landscape and horticultural services (SIC 074,075,078). Construction data include employees of construction contractors and operative builders. Government data include all civilian employees of federal, state and local government regardless of the activity in which the employee is engaged.

2) Break in Series 1988: Data are comparable from 1988 to present.

3) Breaks in Series 1988 and 1994: Data are comparable from 1988 through 1993, and from 1994 to present.

4) Breaks in Series 1988 and 2000: Data are comparable from 1988 through 1999, and from 2000 to present.

5) Breaks in Series 1995 and 1997: Data are comparable from 1995 through 1996, and from 1997 to present.

6) Breaks in Series 1988 and 1998: Data are comparable from 1988 through 1997, and from 1998 to present.

7) Break in Series 1995: Data are comparable from 1995 to present.

8) Breaks in Series 1996 and 2001: Data are comparable from 1996 through 2000, and from 2001 to present.

9) Break in Series 1999: Data are comparable from 1999 to present.

SAN FRANCISCO COUNTY

(Data Disaggregated from San Francisco Metropolitan Statistical Area)
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2001 Benchmark

Footnotes

- 10) Break in Series 1996: Data are comparable from 1996 to present.
- 11) Break in Series 2001: Data are comparable from 2001 to present.
- 12) Break in Series 1992: Data are comparable from 1992 to present.
- 13) Breaks in Series 1991 and 1994: Data are comparable from 1991 through 1993, and from 1994 to present.

Projections & Planning Information

Module D:

Projections

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INTRODUCTION

to Industry and Occupational Projections

Using Projections Data

The projections contained in these tables provide information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends. However, before reaching any final conclusions, the user should consider the following:

Remember that these data are estimates. They were developed based on the assumption that historical trends will continue into the future. However, events may occur during the seven-year projection period that are impossible to predict. Events such as military base closures, major business closures or openings and natural disasters can all have a major impact on employment levels.

Do not use these projections as your sole source of information. Use other, more recent sources of local economic data to corroborate the projection data. This information may be found in other documents such as those published by the Employment Development Department's Labor Market Information Division, local chambers of commerce, or local economic development agencies.

Projections employment data are annual averages. These averages may not accurately portray seasonal occupations or industries such as those found in agriculture, retail sales, recreation, and construction.

Employment levels stated reflect workers who are covered by the Unemployment Insurance program. As a result, industries that are made up largely of individuals who are self-employed will be understated. Examples

include industries such as real estate, hair salons, and bookkeeping. Occupations such as dental hygienists and consultants will also show an understated level of employment.

Industry Projections

Projections by industry forecast the anticipated changes within an industry over time. Forecasts for each county are based on the county's past employment trends and are refined by a review of current economic developments within the local community. The effect of State-level economic trends are also considered.

Industry employment projections utilize industry employment data from both the Current Employment Statistics (CES) program, and the Employment Payroll (ES202) program. There is a certain amount of error built into both systems. These errors may include employers classified in the wrong industry, incorrect employment levels reported by the employer and employment reported in the wrong county.

If an industry shows a decrease in future employment, it may be that only one or two industry components are experiencing the decline and other components are still expected to hire new workers. It is best to investigate all sectors of the industry. For example, retail trade has several components: building materials and garden supplies; general merchandise stores; food stores, automotive dealers and service stations; and apparel and accessory stores, to name a few.

Geographical differences account for differing

employment opportunities. If an individual is considering relocating from one area of the state to another, the size of the industry and its expected growth level need to be kept in mind. Small rural counties will not have the same employment possibilities as do the larger metropolitan areas.

Knowing Future Industry Trends:

- ✓ helps economic development professionals foster compatible growth and promote the county's strengths,
- ✓ helps local government agencies, non-profit agencies, researchers and other interested parties formulate plans and proposals,
- ✓ helps people looking for work and those doing counseling and/or job placement to learn about employment opportunities in various industries.

Occupational Projections

Projections by occupation estimate the changes in occupational employment over time resulting from two principal causes - growth and technology. Changes in the number, size and type of employers within a given geographical area will affect the demand for certain occupations. Also, technological advances or changes in laws or regulations may affect the occupational mix.

County occupational projections are prepared for all but the smaller counties which are grouped together to produce projections at the multicounty level.

General changes in the work place affect some occupations. Jobs may be created, eliminated or consolidated because of restructuring or regulations affecting the requirements for the job. For example, personal computers and word processing programs eliminated many typist jobs, but created a need for word processors.

An occupational title does not give details

about the occupation. An individual starting a career search may want to look at the various occupations in this module, choose any that are of interest and then do further research on the occupation or occupations of choice.

There are other sources of information (listed below) about specific occupations and the details, such as skills and educational requirements, hourly earnings, benefits, working conditions and advancement opportunities.

Industry staffing patterns used for the projections process are developed from the annual OES Survey of employers. The survey utilizes a sample of the entire universe of Unemployment Insurance (UI) covered employers. Because it is a survey, it is important that the following points be considered:

- ✓ There is inherent statistical error as a result of both the sampling process and the level of employer response to the survey mailings.
- ✓ The OES staffing patterns may contain errors because of the problems employers may have in completing the survey. These errors typically include misunderstanding of survey instructions, misinterpretation of occupational definitions and/or titles contained on the forms, and clerical errors in filling out the forms.
- ✓ The employer's response to the survey may reflect conditions that are atypical. The employer may be experiencing a temporary shutdown, seasonal high or low employment, or a temporary increase in demand for his/her product or service.

Occupational projections data indicate the major local occupations and which occupations are likely to offer the greatest number of job opportunities. When possible, the user should focus on larger groups rather than specific occupations. Some occupations may not appear in published tables because of the very small number of people employed in that

area or because of confidentiality concerns.

Although an occupation may be stable and is not expected to grow, it does not mean that there are no opportunities for employment. All occupations have turnover opportunities - individuals change or leave their jobs permanently for varying reasons. High turnover, especially in occupations that require lower-skill levels, would mean that there are frequent openings even though there is little or no growth.

The occupational projections data are prepared for employment and training planners, vocational educators, and others who need information on future employment by occupation. The outlook information can be used in making occupational training decisions and career choices. Employers considering expansion or relocation may find the data helpful in understanding the occupational composition and trends in a county or geographic region.

Additional Sources of Information

For additional information on economic conditions in a particular county, you may contact the Labor Market Information Division's area consultants who are located in the community and are knowledgeable about the economic activities within the counties that they serve, and the local One Stop locations where additional publications on labor market information may be obtained. Other sources of information include:

- Wage And Salary Employment by Industry
- Bureau of Labor Statistics, Occupational Outlook Handbook
- California Occupational Guides
- Bureau of Labor Statistics, Dictionary of Occupational Titles
- California Association for Local Eco-

nomic Development (CALED)

- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Standard Industrial Classification Manual

Automated Access

Electronic access to current data is available through the Employment Development Department's Internet address at:

<http://www.calmis.ca.gov>

For technical assistance or additional information about the Employment Development Department's Internet website, please call (916) 262-2162 and select option #2. Customers may also call (916) 262-2162 or FAX (916) 262-2443 to order other publications.

Description Of Industry and Occupational Tables

Employment includes nonagricultural wage and salary workers except for self-employed persons, unpaid family workers, private household workers, and those involved in labor-management trade disputes. For the Federal government sector, employment includes all civilian employees regardless of the activities in which they are engaged.

An **industry division** refers to a distinct group of private, public, or nonprofit enterprises engaged in producing goods or providing services. With the exception of government, industries are classified by the Standard Industrial Classification (SIC) system. Industries are grouped into ten major categories, according to the economic activity involved. The ten major categories or industry divisions are:

Agriculture, Forestry, and Fishing (SIC 01-09) includes establishments primarily engaged in agricultural production, forestry, commercial fishing, hunting and trapping, and related services.

Mining (SIC 10-14) includes all establishments involved in the extraction of minerals, crude petroleum, and natural gas. It includes quarrying, well operations, milling, and other related activities.

Construction (SIC 15-17) includes establishments engaged in contract construction. This includes new work, additions, alterations, and repairs performed by general and special trade contractors.

Manufacturing (SIC 20-39) includes establishments which are usually described as plants, factories, or mills that are engaged in producing or processing non-durable or durable goods. These characteristically use power-driven machines and material-handling equipment.

Transportation and Public Utilities (SIC 40-49) includes enterprises engaged in passenger and freight transportation by surface, water, and air and warehousing and other transportation services. It also includes the communications complex of telephone, telegraph, radio, and television; and the utilities providing gas, electric, and sanitary services.

Wholesale Trade (SIC 50-51) includes establishments involved in the selling of merchandise to retailers; to industrial, commercial, farm, construction contractors, or professional business users; or to other wholesalers.

Retail Trade (SIC 52-59) includes establishments involved in the selling of merchandise for personal or household consumption and rendering services incidental to the sale of goods.

Finance, Insurance, and Real Estate (SIC 60-67) includes banks, savings and loan institutions, and security and commodity brokerages, insurance agencies and carriers, real estate sales and management offices, and rental and planning agencies.

Services (SIC 70-89) includes establishments such as hotels, laundries, auto repair shops, theaters, legal services, advertising services, private schools and hospitals, and nonprofit organizations which are engaged in rendering a variety of services to individuals and businesses.

Government includes the legislative, judicial, administrative, and regulatory activities of federal, state, local and international governments. It also includes federal, state, and local government hospitals and education.

Industry Tables

Employment By Major Industry -Table 1

This table shows 1997 estimated employment and 2004 projected employment along with the percentage of total employment for each major industry division.

Employment By Industry - Table 2

This table shows employment and projected employment by industry. The number of jobs is estimated for 1997 and projected for 2004. The column entitled "SIC" lists the Standard Industrial Classification code for each industry grouping. The column labeled "Absolute Change" provides the projected change in employment between 1997 and 2004. The "Percent Change" column is the growth rate over the seven-year period.

Occupational groups are groups of occupations with similar skills and/or educational requirements, based on the OES groupings. There are over 800 detailed occupations and close to 100 summary level occupations in the Occupational Employment Statistics (OES) classification system. The seven occupational groups are listed below.

Managers And Administrative occupations are top and mid-level managers, administrators, and executives. Primary duties are policy making, planning, staffing, directing or controlling the activities of a firm. First-line supervisors are excluded from this category.

Professional, Paraprofessional, And Technical occupations are concerned with theoretical or practical aspects of such fields as science, art, education, health, law, and business relations. Professional occupations generally require long and intensive preparation, while technical occupations work closely with professional personnel and are required to have a combination of basic scientific knowledge and specialized education.

Sales And Related occupations are concerned with influencing customers to buy commodities, services, real estate, and investments.

Clerical And Administrative Support occupations prepare, transcribe, systematize, and preserve written communications and records; distribute information; and collect accounts.

Service Occupations prepare and serve food and drink; provide lodging and related services; provide grooming, cosmetic, and other personal and health care services; maintain and clean clothing and other wearing apparel; provide protection for people and property; attend to the comfort or requests of patrons of amusement and recreation facilities; and perform cleaning and maintenance services in the interiors of buildings.

Agricultural, Forestry, And Fishing occupations in this report include only forestry workers, nursery workers, animal caretakers, and gardeners and groundskeepers.

Production, Construction, Operating, Maintenance, and Material Handling are skilled, semi-skilled, and unskilled workers performing machine and manual tasks involving production, construction, operating maintenance, repair, and material handling operations.

Occupational Tables

Employment By Major Occupational Group - Table 3

This table shows 1997 and 2004 employment and projected employment for the seven major occupational groups. The "Percent of Total" column displays the percentage of total employment each major occupational group represents. The "Absolute Change" column gives the number of job opportunities resulting from the creation of new jobs. "Percent Change" shows the percentage change for each occupational group.

Occupations With The Greatest Absolute Job Growth - Table 4

This table lists the 50 occupations that are projected to register the largest absolute change between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new jobs over the 1997-2004 period.

Occupations With The Fastest Job Growth - Table 5

This table lists the 50 occupations with the greatest projected percentage increases. It provides a different perspective to future occupational employment changes. It is important to note that some of these occupations are increasing rapidly from relatively small employment levels and are not necessarily found in Table 4.

Occupational Employment Projections - Table 6

This table provides occupational detail for up to 800 occupations. Annual average employment in each occupation is shown for 1997 and 2004. The column headed "Absolute Change" presents the number of job opportunities resulting from the creation of new jobs. The "Percent Change" column shows the percentage change for each occupation. The next column, "Openings Due to Separations", shows job opportunities that are created by workers leaving the occupation. Also included in this table is the Occupational Employment Statistics (OES) codes column. It shows the distinctive California OES code for each occupational title.

Each occupation in Table 6 is identified by a line number. The Alphabetical Index of Occupations section found in this module may be used to locate individual occupations in the detailed

table. The same line numbers are used in all area reports for 1997-2004. Line numbers may be different for other time periods. Not all line numbers appear in all counties; missing line numbers indicate occupations with no employment or employment below the area's cutoff point for publishing.

Occupations With The Most Openings - Table 7 (Growth Plus Separations)

This table lists the occupations that are projected to register the largest absolute growth and separations between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new job openings over the 1997-2004 period.

Occupations With Projected Decline - Table 8

This table lists the occupations that are projected to decline over the 1997-2004 time period. Declining employment is a sign that the occupation has no growth. However, turnover may result in some job opportunities.

Training Level Definitions

Occupational training and education classifications were developed by the Bureau of Labor Statistics to improve on prior classification systems that did not distinguish between occupations with comparable educational requirements. For example, neither carpenters nor laborers require formal education beyond high school, but the complexity of the work and the training time required results in carpenters being placed in the long-term on-the-job training category and laborers placed in the short-term on-the-job training category. Of course there is more than one way to qualify for a job. In this classification system, the education and training required reflects the manner in which most workers become proficient in that occupation and the preferences of most employers.

1. First professional degree. Occupations that require at least two years of full-time academic study beyond a bachelor's degree (for example, law, medicine, dentistry and clergy).

2. Doctoral degree. Occupations that require at least three years of full-time academic study beyond a bachelor's degree culminating in a doctoral degree.

3. Master's degree. Occupations that require the completion of a master's degree program which is usually one to two years beyond a bachelor's degree.

4. Bachelor's or higher and some work experience. Occupations that generally require work experience in an occupation requiring a bachelor's or higher degree. Most occupations in this category are managerial occupations that require work experience in a related non-managerial occupation.

5. Bachelor's degree. Occupations that require the completion of at least 4 but not more than 5 years of full-time academic study beyond high school resulting in a Bachelor's degree.

6. Associate degree. Occupations that require the completion of at least 2 years of full-time academic study beyond high school.

7. Post-secondary vocational education. Occupations that require completion of vocational school training.

8. Work experience. Occupations that require skills obtained through work experience in a related occupation.

9. Long-term on-the-job training. Occupations that require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance.

10. Moderate-term on-the-job training. Occupations in which workers can develop average job performance after 1 to 12 months of combined on-the-job experience and informal training.

11. Short-term on-the-job-training. Occupations in which workers can develop skills needed after a short demonstration or up to one month of on-the-job experience and instruction.

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Industry Trends and Outlook

San Francisco County will show modest job growth during the 1999–2006 forecast period as employment grows from 574,700 to 611,600, an increase of 36,900 jobs. This represents overall growth of 6.4 percent, but an average of less than 1.0 percent a year. Over 90 percent of the projected job growth will be in the services, retail trade and government industry divisions.

The services industry division will add 17,600 jobs between 1999 and 2006. Nearly two-thirds of these jobs will be in the business services industry which will employ 76,100 workers by the end of the forecast period, 10,600 jobs above the 1999 level. Computer services (information retrieval as well as computer programming and computer related services), temporary and contract field agencies, and building maintenance, will account for most of the job gains in business services. Among the other major industries within the services division, the engineering and management services will add about 2,000 jobs and private education will add 1,400 jobs. The completion of various new hotels, as well as the expansion of others, will boost hotel employment by 1,300 over the seven-year period. Amusement and recreation, buoyed by a movie production firm moving into the Presidio, will gain 1,200 jobs between 1999 and 2006. Other services, which will add 3,000 more jobs during the projection period, will see growth mostly in legal services and in individual and family services. However, employment in the health services industry will drop by 2,000 jobs, partly because a medical center reverted to state government payrolls when a joint venture with a private university ended in April 2000. Furthermore, some hospitals have been

consolidating services under HMO control, and one hospital has closed its emergency room. Meanwhile outpatient services are expanding and hospital stays are reducing.

Retail trade employment will expand by 9,500 jobs during the 1999–2006 period. Slightly over one-third of the job gains will occur at apparel and accessory shops and department stores, including the addition of a major new department store at the old Emporium site. Gains in grocery stores will also create significant retail jobs. Restaurants and other eateries will recoup gradually from the impact of the slowdown following September 11.

Government employment will post growth of just over 7,000 jobs. State government will gain 4,000 jobs, chiefly the result a university teaching hospital shifting back to state payrolls. Local government is estimated to grow by 3,200 jobs over the next seven years, mostly in local education. Federal government payrolls, however, will show no change by 2006.

The transportation and public utilities division will add 3,900 jobs. The transportation sector will account for 2,300 of those jobs, with gains in trucking and warehousing, local transportation and air courier services leading the way. In the communications and utilities industries, the overall increases from these industries will be slightly more than 1,600 jobs, as many of the communication companies will expand into the broadband and Internet activities.

Finance, insurance and real estate payrolls will show a gain of 2,100 jobs. An increase of 1,500 jobs will be scattered throughout the

finance sector, with national commercial banks; security brokers and dealers; investment advice services; and holding companies accounting for most of the increase during the forecast period. Insurance and real estate will show an increase of 600 jobs by 2006.

Construction and mining payrolls will increase by about 10 percent or about 1,800 jobs between 1999 and 2006. This growth reflects the development in the Mission Bay and along the Waterfront as well as the building of a major department store with a hotel tower at the old Emporium site. Also contributing to the growth of construction jobs are additional expansions at the Moscone Center with hotels and recreational facilities. Some of these projects will be completed in the early part of the forecast period.

Manufacturing employment is projected to show a net decline of 4,000 jobs during the seven-year period. The payroll reductions in most of the nondurable goods industries, particularly in apparel and other textile products, will outweigh a small net gain in durable goods manufacturing industries.

Wholesale trade is expected to show a net decrease of 1,100 jobs by the end of the outlook period. The loss of jobs in the nondurable wholesale firms will overshadow gains in the durable wholesale companies.

Table 1
Employment By Major Industry (1)
1999 - 2006 Annual Averages
SAN FRANCISCO COUNTY

INDUSTRY	1999 (2)	PERCENT OF TOTAL	2006	PERCENT OF TOTAL
TOTAL NONFARM	574,700	100.0%	611,600	100.0%
MINING & CONSTRUCTION	17,400	3.0%	19,200	3.1%
MANUFACTURING	31,600	5.5%	27,600	4.5%
TRANSPORTATION & PUBLIC UTILITIES	36,500	6.4%	40,400	6.6%
TRADE	107,100	18.6%	115,500	18.9%
FINANCE, INSURANCE, & REAL ESTATE	73,200	12.7%	75,300	12.3%
SERVICES	230,200	40.1%	247,700	40.5%
GOVERNMENT	78,800	13.7%	85,900	14.0%

- (1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.
- (2) March 2000 benchmark.

Industry Chart
Employment By Major Industry
SAN FRANCISCO COUNTY 1999 - 2006

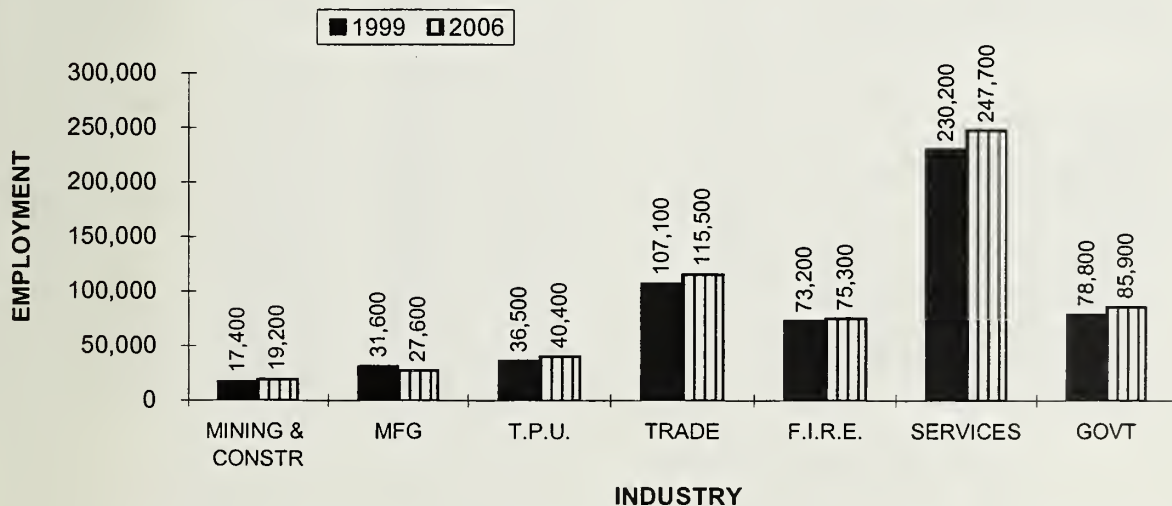


Table 2
Industry Employment Projections (1)
1999 - 2006
SAN FRANCISCO COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
TOTAL NONFARM	074, 075, 078, 10-99 except 88	574,700	611,600	36,900	6.4
GOODS PRODUCING	10-39	49,000	46,800	-2,200	-4.5
MINING & CONSTRUCTION	10-17	17,400	19,200	1,800	10.3
MANUFACTURING	20-39	31,600	27,600	-4,000	-12.7
Durable Goods	24,25,32-39	5,800	5,900	100	1.7
Fabricated Metal Products	34	900	800	-100	-11.1
Industrial Machinery	35	400	300	-100	-25.0
Electronic Equipment	36	1,500	1,600	100	6.7
Instruments and Related Products	38	300	300	0	0.0
Other Durable Goods		2,800	2,900	100	3.6
Nondurable Goods	20-23,26-31	25,900	21,700	-4,200	-16.2
Food and Kindred Products	20	3,000	3,000	0	0.0
Apparel and Other Textile Products	23	12,000	9,000	-3,000	-25.0
Paper, Printing and Publishing	26,27	8,800	8,600	-200	-2.3
Chemicals, Petroleum and Coal	28,29	1,300	400	-900	-69.2
Other Nondurable Goods		800	700	-100	-12.5
SERVICE PRODUCING	074, 075, 078, 40-99 except 88	525,700	564,800	39,100	7.4
TRANSPORTATION & PUBLIC UTILITIES	40-42,44-49	36,500	40,400	3,900	10.7
Transportation	40-42,44-47	15,700	18,000	2,300	14.6
Local & Interurban Passenger Trans	41	2,700	3,200	500	18.5
Trucking and Warehousing	42	2,700	3,500	800	29.6
Water Transportation	44	1,600	1,800	200	12.5
Air Transportation	45	4,200	4,700	500	11.9
Other Transportation		4,600	4,800	200	4.3
Communication and Public Utilities	48,49	20,800	22,400	1,600	7.7
TRADE	50-59	107,100	115,500	8,400	7.8
Wholesale Trade	50,51	20,500	19,400	-1,100	-5.4
Wholesale--Durable	50	10,000	10,300	300	3.0
Wholesale--Nondurable	51	10,500	9,100	-1,400	-13.3
Retail Trade	52-59	86,600	96,100	9,500	11.0
General Merchandise	53	4,300	5,000	700	16.3
Food Stores	54	8,900	9,800	900	10.1
Automotive Dealers and Service	55	2,400	2,500	100	4.2
Apparel and Accessory Stores	56	10,200	13,000	2,800	27.5
Eating and Drinking Places	58	41,000	43,500	2,500	6.1
Other Retail Trade		19,700	22,300	2,600	13.2

Table 2
Industry Employment Projections (1)
1999 - 2006
SAN FRANCISCO COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
FINANCE, INSURANCE, & REAL ESTATE	60-65,67	73,200	75,300	2,100	2.9
Finance	60-62,67	48,600	50,100	1,500	3.1
Other Finance, Insurance & Real Estate		24,600	25,200	600	2.4
SERVICES	074, 075, 078, 70-89 except 88	230,200	247,700	17,500	7.6
Hotels and Other Lodging Places	70	18,700	20,000	1,300	7.0
Business Services	73	65,600	76,100	10,500	16.0
Amusement, Including Movies	78,79	12,400	13,600	1,200	9.7
Health Services	80	29,200	27,200	-2,000	-6.8
Private Educational Services	82	14,000	15,400	1,400	10.0
Engineering and Management	87	32,000	34,000	2,000	6.3
Other Services		58,400	61,400	3,000	5.1
GOVERNMENT		78,800	85,900	7,100	9.0
Federal Government		18,800	18,800	0	0.0
State and Local Government		60,000	67,100	7,100	11.8
State Government		21,100	25,100	4,000	19.0
Local Government		38,800	42,000	3,200	8.2
Local Education		12,200	14,400	2,200	18.0
Local Non-education		26,600	27,600	1,000	3.8

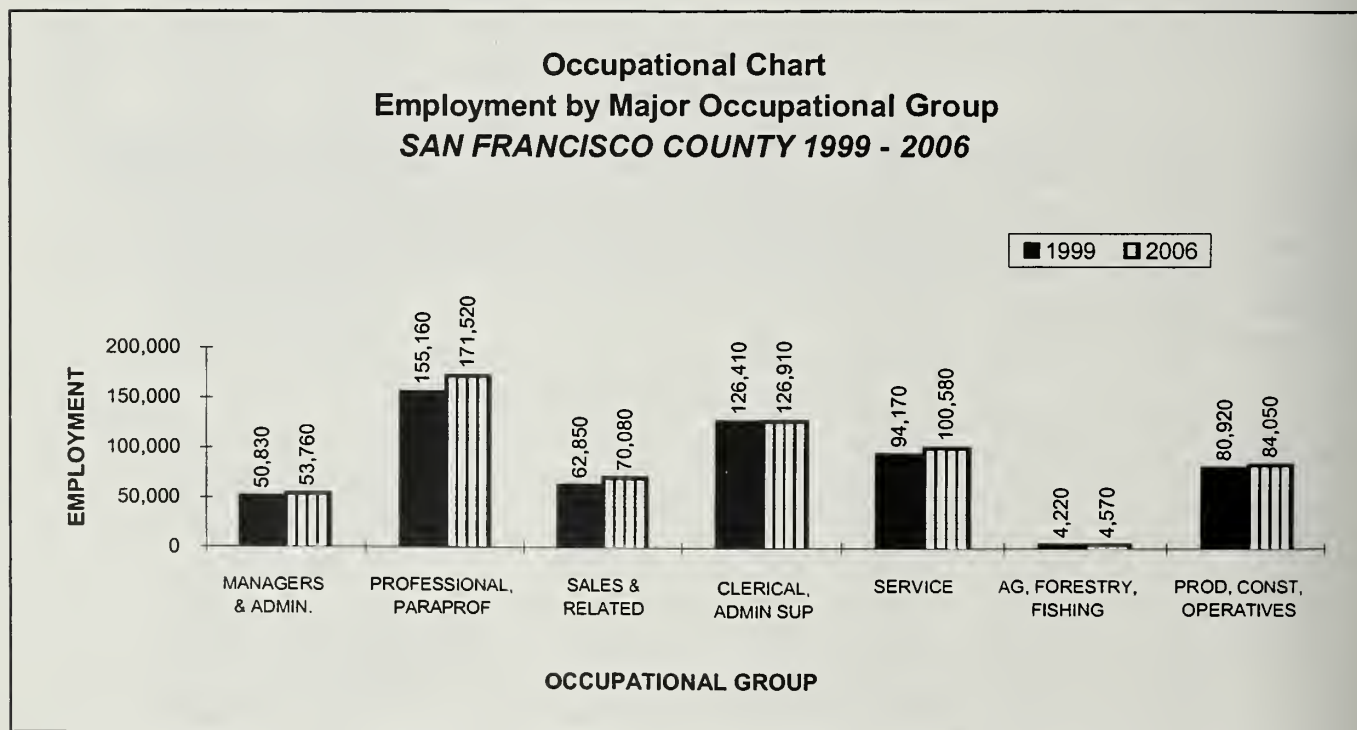
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(2) March 2000 benchmark.

Table 3
Employment by Major Occupational Group
1999 - 2006 Annual Averages
SAN FRANCISCO COUNTY

OCCUPATIONAL GROUP	1999	PERCENT OF TOTAL	2006	PERCENT OF TOTAL	ABSOLUTE CHANGE	PERCENT CHANGE
TOTAL, ALL OCCUPATIONS (1)	574,700	100.0%	611,600	100.0%	36,900	6.4%
MANAGERS AND ADMIN OCCUPATIONS	50,830	8.8%	53,760	8.8%	2,930	5.8%
PROFESSIONAL, PARAPROF, TECHNICAL	155,160	27.0%	171,520	28.0%	16,360	10.5%
SALES AND RELATED OCCUPATIONS	62,850	10.9%	70,080	11.5%	7,230	11.5%
CLERICAL, ADMINISTRATIVE SUPPORT	126,410	22.0%	126,910	20.8%	500	0.4%
SERVICE OCCUPATIONS	94,170	16.4%	100,580	16.4%	6,410	6.8%
AGRICULTURAL, FORESTRY, FISHING	4,220	0.7%	4,570	0.7%	350	8.3%
PROD, CONST, OPER, MAT HANDLING	80,920	14.1%	84,050	13.7%	3,130	3.9%

(1) Total is based on the March 2000 benchmark.



Occupations With The Greatest Absolute Job Growth (1)

1999 - 2006

SAN FRANCISCO COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
49011	SALESPERSONS, RETAIL	16,920	19,940	3,020	17.8	11	SHORT-TERM ON-THE-JOB TRAINING
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSING	4,120	5,760	1,640	39.8	05	BACHELOR'S DEGREE
25104	COMPUTER SUPPORT SPECIALISTS	3,990	5,430	1,440	36.1	05	BACHELOR'S DEGREE
22127	COMPUTER ENGINEERS	3,140	4,400	1,260	40.1	05	BACHELOR'S DEGREE
49023	CASHIERS	9,300	10,540	1,240	13.3	11	SHORT-TERM ON-THE-JOB TRAINING
19005	GENERAL MANAGERS, TOP EXECUTIVES	19,110	20,110	1,000	5.2	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
41002	FIRST-LINE SUP/MGR--SALES	7,390	8,310	920	12.4	08	WORK EXPERIENCE
67005	JANITORS, CLEANERS--EXCEPT MAIDS	10,200	11,030	830	8.1	11	SHORT-TERM ON-THE-JOB TRAINING
63047	GUARDS AND WATCH GUARDS	5,790	6,460	670	11.6	11	SHORT-TERM ON-THE-JOB TRAINING
51002	FIRST-LINE SUP/MGR, CLERK, ADM SUP	9,920	10,560	640	6.5	08	WORK EXPERIENCE
55305	RECEPTIONISTS, INFORMATION CLERKS	7,820	8,430	610	7.8	11	SHORT-TERM ON-THE-JOB TRAINING
28108	LAWYERS	7,160	7,760	600	8.4	01	FIRST PROFESSIONAL DEGREE
28305	PARALEGAL PERSONNEL	1,980	2,560	580	29.3	06	ASSOCIATE DEGREE
65008	WAITERS AND WAITRESSES	11,120	11,670	550	4.9	11	SHORT-TERM ON-THE-JOB TRAINING
97105	TRUCK DRIVERS, LIGHT	4,110	4,620	510	12.4	11	SHORT-TERM ON-THE-JOB TRAINING
31305	TEACHERS--ELEMENTARY SCHOOL	4,230	4,730	500	11.8	05	BACHELOR'S DEGREE
49026	TELEMARKETERS, SOLICITORS & RELATED	2,130	2,620	490	23.0	11	SHORT-TERM ON-THE-JOB TRAINING
13011	MKTNG, ADV, PUB-REL MANAGERS	4,680	5,160	480	10.3	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
31521	TEACHER AIDES, PARAPROFESSIONAL	1,550	1,960	410	26.5	06	ASSOCIATE DEGREE
32502	REGISTERED NURSES	6,960	7,370	410	5.9	06	ASSOCIATE DEGREE
65026	COOKS--RESTAURANT	5,200	5,610	410	7.9	09	LONG-TERM ON-THE-JOB TRAINING
49021	STOCK CLERKS--SALES FLOOR	3,740	4,140	400	10.7	11	SHORT-TERM ON-THE-JOB TRAINING
53123	ADJUSTMENT CLERKS	2,470	2,870	400	16.2	11	SHORT-TERM ON-THE-JOB TRAINING
13017	ENGINEER, MATH, AND NAT SCI MGRS	1,980	2,360	380	19.2	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
27308	HUMAN SERVICES WORKERS	1,270	1,610	340	26.8	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 4
Occupations With The Greatest Absolute Job Growth (1)
1999 - 2006
SAN FRANCISCO COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
97102	TRUCK DRIVERS, HEAVY	1,820	2,150	330	18.1	11	SHORT-TERM ON-THE-JOB TRAINING
67002	MAIDS AND HOUSEKEEPING CLEANERS	5,970	6,290	320	5.4	11	SHORT-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	1,580	1,890	310	19.6	05	BACHELOR'S DEGREE
63017	CORRECTION OFFICERS, JAILERS	1,480	1,790	310	20.9	09	LONG-TERM ON-THE-JOB TRAINING
98902	HAND PACKERS AND PACKAGERS	2,110	2,420	310	14.7	11	SHORT-TERM ON-THE-JOB TRAINING
65041	COMBINED FOOD PREP AND SERVICE	6,870	7,170	300	4.4	11	SHORT-TERM ON-THE-JOB TRAINING
43017	SALES AGENTS--SEL BUS SERVICES	2,410	2,700	290	12.0	10	MODERATE-TERM ON-THE-JOB TRAINING
63014	POLICE PATROL OFFICERS	1,690	1,980	290	17.2	09	LONG-TERM ON-THE-JOB TRAINING
25315	FINANCIAL ANALYSTS, STATISTICAL	1,790	2,050	260	14.5	05	BACHELOR'S DEGREE
79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	3,030	3,290	260	8.6	11	SHORT-TERM ON-THE-JOB TRAINING
25103	DATA BASE ADMINISTRATORS	1,000	1,240	240	24.0	05	BACHELOR'S DEGREE
85132	MAINT REPAIRERS, GENL UTILITY	4,340	4,570	230	5.3	09	LONG-TERM ON-THE-JOB TRAINING
87102	CARPENTERS	3,190	3,420	230	7.2	09	LONG-TERM ON-THE-JOB TRAINING
13002	FINANCIAL MANAGERS	5,540	5,760	220	4.0	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	1,720	1,940	220	12.8	11	SHORT-TERM ON-THE-JOB TRAINING
55347	GENERAL OFFICE CLERKS	18,340	18,560	220	1.2	11	SHORT-TERM ON-THE-JOB TRAINING
22126	ELECT AND ELECTRONIC ENGINEERS	1,380	1,590	210	15.2	05	BACHELOR'S DEGREE
34038	DESIGNERS, EX INTERIOR DESIGNERS	1,460	1,660	200	13.7	05	BACHELOR'S DEGREE
66005	MEDICAL ASSISTANTS	970	1,170	200	20.6	10	MODERATE-TERM ON-THE-JOB TRAINING
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	2,940	3,140	200	6.8	11	SHORT-TERM ON-THE-JOB TRAINING
85702	TELEPHONE, CABLE TV INSTALLERS	1,220	1,420	200	16.4	09	LONG-TERM ON-THE-JOB TRAINING
31321	INSTRUCTORS AND COACHES--SPORTS	1,700	1,890	190	11.2	10	MODERATE-TERM ON-THE-JOB TRAINING
66011	HOME HEALTH AIDES	1,020	1,210	190	18.6	11	SHORT-TERM ON-THE-JOB TRAINING
87402	PAINTERS, PAPERHANGERS--CONST	1,740	1,930	190	10.9	10	MODERATE-TERM ON-THE-JOB TRAINING
87202	ELECTRICIANS	2,000	2,180	180	9.0	09	LONG-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		233,590	259,420	25,830	11.1		

(1) Excludes not elsewhere classified (NEC) categories.

(2) March 2000 Benchmark

Occupations With The Fastest Job Growth (1)

1999 - 2006

SAN FRANCISCO COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
31517	INSTRUCTIONAL COORDINATORS	280	400	120	42.9	05	BACHELOR'S DEGREE
22127	COMPUTER ENGINEERS	3,140	4,400	1,260	40.1	05	BACHELOR'S DEGREE
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSING	4,120	5,760	1,640	39.8	05	BACHELOR'S DEGREE
25104	COMPUTER SUPPORT SPECIALISTS	3,990	5,430	1,440	36.1	05	BACHELOR'S DEGREE
28305	PARALEGAL PERSONNEL	1,980	2,560	580	29.3	06	ASSOCIATE DEGREE
27308	HUMAN SERVICES WORKERS	1,270	1,610	340	26.8	10	MODERATE-TERM ON-THE-JOB TRAINING
31521	TEACHER AIDES, PARAPROFESSIONAL	1,550	1,960	410	26.5	06	ASSOCIATE DEGREE
31311	TEACHERS--SPECIAL EDUCATION	570	720	150	26.3	05	BACHELOR'S DEGREE
25103	DATA BASE ADMINISTRATORS	1,000	1,240	240	24.0	05	BACHELOR'S DEGREE
49026	TELEMARKETERS, SOLICITORS & RELATED	2,130	2,620	490	23.0	11	SHORT-TERM ON-THE-JOB TRAINING
24308	BIOLOGICAL SCIENTISTS	410	500	90	22.0	02	DOCTORAL DEGREE
65011	FOOD SERVERS--OUTSIDE	460	560	100	21.7	11	SHORT-TERM ON-THE-JOB TRAINING
63017	CORRECTION OFFICERS, JAILERS	1,480	1,790	310	20.9	09	LONG-TERM ON-THE-JOB TRAINING
66005	MEDICAL ASSISTANTS	970	1,170	200	20.6	10	MODERATE-TERM ON-THE-JOB TRAINING
68026	FLIGHT ATTENDANTS	810	970	160	19.8	09	LONG-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	1,580	1,890	310	19.6	05	BACHELOR'S DEGREE
13017	ENGINEER, MATH, AND NAT SCI MGRS	1,980	2,360	380	19.2	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
66011	HOME HEALTH AIDES	1,020	1,210	190	18.6	11	SHORT-TERM ON-THE-JOB TRAINING
97102	TRUCK DRIVERS, HEAVY	1,820	2,150	330	18.1	11	SHORT-TERM ON-THE-JOB TRAINING
49011	SALESPERSONS, RETAIL	16,920	19,940	3,020	17.8	11	SHORT-TERM ON-THE-JOB TRAINING
63032	SHERIFFS AND DEPUTY SHERIFFS	680	800	120	17.6	09	LONG-TERM ON-THE-JOB TRAINING
63014	POLICE PATROL OFFICERS	1,690	1,980	290	17.2	09	LONG-TERM ON-THE-JOB TRAINING
85702	TELEPHONE, CABLE TV INSTALLERS	1,220	1,420	200	16.4	09	LONG-TERM ON-THE-JOB TRAINING
53123	ADJUSTMENT CLERKS	2,470	2,870	400	16.2	11	SHORT-TERM ON-THE-JOB TRAINING
56005	DUPLICATING MACHINE OPERATORS	990	1,150	160	16.2	11	SHORT-TERM ON-THE-JOB TRAINING

Table 5
Occupations With The Fastest Job Growth (1)
1999 - 2006
SAN FRANCISCO COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
34053	DANCERS AND CHOREOGRAPHERS	380	440	60	15.8	07	POST-SECONDARY VOCATIONAL EDUCATION
22126	ELECT AND ELECTRONIC ENGINEERS	1,380	1,590	210	15.2	05	BACHELOR'S DEGREE
97114	TAXI DRIVERS AND CHAUFFEURS	860	990	130	15.1	11	SHORT-TERM ON-THE-JOB TRAINING
98902	HAND PACKERS AND PACKAGERS	2,110	2,420	310	14.7	11	SHORT-TERM ON-THE-JOB TRAINING
25315	FINANCIAL ANALYSTS, STATISTICAL	1,790	2,050	260	14.5	05	BACHELOR'S DEGREE
81005	FIRST-LINE SUP/MGR-CONSTRUCTION	830	950	120	14.5	08	WORK EXPERIENCE
97111	BUS DRIVERS--SCHOOL	550	630	80	14.5	11	SHORT-TERM ON-THE-JOB TRAINING
68021	USHERS, LOBBY ATTENDANTS	630	720	90	14.3	11	SHORT-TERM ON-THE-JOB TRAINING
34038	DESIGNERS, EX INTERIOR DESIGNERS	1,460	1,660	200	13.7	05	BACHELOR'S DEGREE
49023	CASHIERS	9,300	10,540	1,240	13.3	11	SHORT-TERM ON-THE-JOB TRAINING
49034	DEMONSTRATORS AND PROMOTERS	760	860	100	13.2	10	MODERATE-TERM ON-THE-JOB TRAINING
58005	DISPATCH--EX POLICE, FIRE, AMBUL	680	770	90	13.2	10	MODERATE-TERM ON-THE-JOB TRAINING
32508	EMERGENCY MEDICAL TECHNICIANS	380	430	50	13.2	07	POST-SECONDARY VOCATIONAL EDUCATION
34056	PRODUCERS, DIRECTORS, ACTORS	1,240	1,400	160	12.9	09	LONG-TERM ON-THE-JOB TRAINING
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	1,720	1,940	220	12.8	11	SHORT-TERM ON-THE-JOB TRAINING
79017	ANIMAL CARETAKERS--EXCEPT FARM	550	620	70	12.7	11	SHORT-TERM ON-THE-JOB TRAINING
66002	DENTAL ASSISTANTS	1,120	1,260	140	12.5	10	MODERATE-TERM ON-THE-JOB TRAINING
31514	VOCATIONAL & EDUCATIONAL COUNSELOR	880	990	110	12.5	03	MASTER'S DEGREE
53508	BILL AND ACCOUNT COLLECTORS	800	900	100	12.5	11	SHORT-TERM ON-THE-JOB TRAINING
41002	FIRST-LINE SUP/MGR--SALES	7,390	8,310	920	12.4	08	WORK EXPERIENCE
97105	TRUCK DRIVERS, LIGHT	4,110	4,620	510	12.4	11	SHORT-TERM ON-THE-JOB TRAINING
43017	SALES AGENTS--SEL BUS SERVICES	2,410	2,700	290	12.0	10	MODERATE-TERM ON-THE-JOB TRAINING
92726	LNDRY, DRYCLEAN MACH OPS--EX PRESS	500	560	60	12.0	10	MODERATE-TERM ON-THE-JOB TRAINING
98312	HELPERS--CARPENTERS AND RELATED	500	560	60	12.0	11	SHORT-TERM ON-THE-JOB TRAINING
31305	TEACHERS--ELEMENTARY SCHOOL	4,230	4,730	500	11.8	05	BACHELOR'S DEGREE
TOTAL OF THESE OCCUPATIONS				19,010	18.8		

(1) Excludes not elsewhere classified (NEC) categories and occupations of less than 400 in 2006.

(2) March 2000 Benchmark

Occupational Employment Projections (1)

1999 - 2006

SAN FRANCISCO COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
1		TOTAL, ALL OCCUPATIONS	574,700	611,600	36,900	6.4	97,580		
2	10000	MGRS AND ADMIN OCCUPATIONS	50,830	53,760	2,930	5.8	6,270		
3	13002	FINANCIAL MANAGERS	5,540	5,760	220	4.0	610	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
4	13005	PERS. TRAINING, LABOR-REL MGRS	1,390	1,450	60	4.3	230	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
5	13008	PURCHASING MANAGERS	710	730	20	2.8	110	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
6	13011	MKTNG, ADV, PUB-REL MANAGERS	4,680	5,160	480	10.3	470	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
7	13014	ADMINISTRATIVE SERVICES MANAGERS	3,150	3,290	140	4.4	390	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
8	13017	ENGINEER, MATH, AND NAT SCI MGRS	1,980	2,360	380	19.2	260	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
10	15005	EDUCATION ADMINISTRATORS	1,520	1,630	110	7.2	270	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
11	15008	MEDICINE, HEALTH SERVICES MGRS	800	890	90	11.3	100	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
12	15011	PROPERTY AND REAL ESTATE MANAGERS	1,040	1,120	80	7.7	100	05	BACHELOR'S DEGREE
13	15014	INDUSTRIAL PRODUCTION MANAGERS	270	240	-30	-11.1	30	05	BACHELOR'S DEGREE
14	15017	CONSTRUCTION MANAGERS	1,010	1,110	100	9.9	130	05	BACHELOR'S DEGREE
16	15023	COMM, TRANS, UTIL OPER MGRS	1,020	1,110	90	8.8	130	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
17	15026	FOOD SERVICE AND LODGING MANAGERS	1,430	1,490	60	4.2	180	08	WORK EXPERIENCE
21	19005	GENERAL MANAGERS, TOP EXECUTIVES	19,110	20,110	1,000	5.2	2,370	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
22	19999	MANAGERS AND ADMINISTRATORS, NEC	7,180	7,310	130	1.8	890	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
23	20000	PROFESSIONAL, PARAPROF, TECHNICAL	155,160	171,520	16,360	10.5	21,480		
24	21000	MANAGEMENT SUPPORT OCCUPATIONS	31,860	33,460	1,600	5.0	4,400		
25	21100	ACCOUNTANTS, AUDIT, FINANCE SPECS	16,070	16,710	640	4.0	2,190	05	BACHELOR'S DEGREE
26	21102	INSURANCE UNDERWRITERS	700	670	-30	-4.3	130	05	BACHELOR'S DEGREE
27	21105	CREDIT ANALYSTS	560	580	20	3.6	90	05	BACHELOR'S DEGREE
28	21108	LOAN OFFICERS AND COUNSELORS	1,410	1,520	110	7.8	220	05	BACHELOR'S DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
SAN FRANCISCO COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
29	21111	TAX PREPARERS	890	960	70	7.9	140	11	SHORT-TERM ON-THE-JOB TRAINING
30	21114	ACCOUNTANTS AND AUDITORS	7,350	7,390	40	0.5	790	05	BACHELOR'S DEGREE
31	21117	BUDGET ANALYSTS	380	390	10	2.6	60	05	BACHELOR'S DEGREE
32	21199	FINANCIAL SPECIALISTS, NEC	4,780	5,200	420	8.8	760	05	BACHELOR'S DEGREE
33	21300	PURCHASING AGENTS AND BUYERS	1,330	1,370	40	3.0	240		
34	21302	WHLE AND RET BUYERS--EX FARM PRODS	420	420	0	0.0	70	05	BACHELOR'S DEGREE
36	21308	PURCH AGTS--EX WHLE,RET,FARM PRODS	910	950	40	4.4	170	05	BACHELOR'S DEGREE
37	21500	PERS, TRAINING, LAB-REL SPECS	2,910	3,020	110	3.8	550		
40	21508	EMPL INTERVIEWERS--PRIV OR PUB	360	370	10	2.8	70	05	BACHELOR'S DEGREE
41	21511	PERS, TRAINING, LAB-REL SPECS, NEC	2,550	2,650	100	3.9	480	05	BACHELOR'S DEGREE
42	21900	OTHER MANAGEMENT SUPPORT WORKERS	11,550	12,360	810	7.0	1,420		
43	21902	COST ESTIMATORS	700	730	30	4.3	60	08	WORK EXPERIENCE
44	21905	MANAGEMENT ANALYSTS	1,370	1,510	140	10.2	80	03	MASTER'S DEGREE
45	21908	CONST AND BUILDING INSPECTORS	230	240	10	4.3	40	08	WORK EXPERIENCE
46	21911	COMPL, ENFORCE INSPECT--EX CONST	1,320	1,420	100	7.6	170	08	WORK EXPERIENCE
47	21914	TAX EXAMINERS, COLLECT, REV AGENTS	260	280	20	7.7	40	05	BACHELOR'S DEGREE
49	21921	CLAIMS EXAMINERS--INSURANCE	530	550	20	3.8	60	05	BACHELOR'S DEGREE
50	21999	MANAGEMENT SUPPORT WORKERS, NEC	7,140	7,630	490	6.9	970	05	BACHELOR'S DEGREE
51	22000	ENGINEERS, ARCHITECTS, SURVEYORS	16,420	18,630	2,210	13.5	2,310		
52	22100	ENGINEERS	9,930	11,860	1,930	19.4	1,290		
57	22114	CHEMICAL ENGINEERS	110	120	10	9.1	20	05	BACHELOR'S DEGREE
59	22121	CIVIL ENGINEERS--INCLUDING TRAFFIC	2,010	2,120	110	5.5	280	05	BACHELOR'S DEGREE
61	22126	ELECT AND ELECTRONIC ENGINEERS	1,380	1,590	210	15.2	220	05	BACHELOR'S DEGREE
62	22127	COMPUTER ENGINEERS	3,140	4,400	1,260	40.1	160	05	BACHELOR'S DEGREE

Occupational Employment Projections (1) 1999 - 2006

SAN FRANCISCO COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
63	22128	INDUST ENGINEERS--EXCEPT SAFETY	290	310	20	6.9	30	05	BACHELOR'S DEGREE
65	22135	MECHANICAL ENGINEERS	710	780	70	9.9	100	05	BACHELOR'S DEGREE
67	22199	ENGINEERS, NEC	2,290	2,540	250	10.9	480	05	BACHELOR'S DEGREE
68	22300	ARCHITECTS AND SURVEYORS	1,650	1,670	20	1.2	180		
69	22302	ARCHITECTS--EX LANDSCAPE, MARINE	1,510	1,540	30	2.0	160	05	BACHELOR'S DEGREE
72	22311	SURVEYING AND MAPPING SCIENTISTS	140	130	-10	-7.1	20	05	BACHELOR'S DEGREE
73	22500	ENGINEERING, RELATED TECHNICIANS	4,840	5,100	260	5.4	840		
74	22502	CIVIL ENGINEERING TECHNICIANS	430	450	20	4.7	80	06	ASSOCIATE DEGREE
75	22505	ELECT, ELECTRONIC ENGINEERING TECH	990	1,080	90	9.1	150	06	ASSOCIATE DEGREE
77	22511	MECHANICAL ENGINEERING TECHS	100	110	10	10.0	20	06	ASSOCIATE DEGREE
78	22514	DRAFTERS	2,030	2,080	50	2.5	350	07	POST-SECONDARY VOCATIONAL EDUCATION
80	22521	SURVEYING AND MAPPING TECHS	290	300	10	3.4	50	07	POST-SECONDARY VOCATIONAL EDUCATION
81	22599	ENGINEERING, RELATED TECHS, NEC	1,000	1,080	80	8.0	190	06	ASSOCIATE DEGREE
82	24000	NAT SCIENTISTS AND RELATED WORKERS	2,790	2,960	170	6.1	480		
83	24100	PHYSICAL SCIENTISTS	1,180	1,250	70	5.9	220		
85	24105	CHEMISTS, EXCEPT BIOCHEMISTS	160	160	0	0.0	30	05	BACHELOR'S DEGREE
87	24111	GEOLOGIST, GEOPHYS, OCEANOGRAPHERS	320	330	10	3.1	60	05	BACHELOR'S DEGREE
88	24199	PHYSICAL SCIENTISTS, NEC	700	760	60	8.6	130	05	BACHELOR'S DEGREE
89	24300	LIFE SCIENTISTS	630	730	100	15.9	100		
92	24308	BIOLOGICAL SCIENTISTS	410	500	90	22.0	70	02	DOCTORAL DEGREE
94	24399	LIFE SCIENTISTS, NEC	220	230	10	4.5	30	02	DOCTORAL DEGREE
95	24500	PHYSICAL, LIFE SCIENCE TECHS	980	980	0	0.0	160		
96	24502	BIOLOGICAL/AGRI, FOOD TECHS	130	130	0	0.0	20	06	ASSOCIATE DEGREE
100	24599	PHYSICAL, LIFE SCIENCE TECHS, NEC	850	850	0	0.0	140	06	ASSOCIATE DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
SAN FRANCISCO COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
101	25000	COMPUTER, MATH, OPS RESRCH, RELATE	18,020	21,920	3,900	21.6	2,050		
102	25100	COMPUTER SCIENTISTS AND RELATED	15,410	19,120	3,710	24.1	1,680		
103	25102	SYSTEMS ANALYSTS--ELEC DATA PROC	4,120	5,760	1,640	39.8	210	05	BACHELOR'S DEGREE
104	25103	DATA BASE ADMINISTRATORS	1,000	1,240	240	24.0	130	05	BACHELOR'S DEGREE
105	25104	COMPUTER SUPPORT SPECIALISTS	3,990	5,430	1,440	36.1	200	05	BACHELOR'S DEGREE
106	25105	COMPUTER PROGRAMMERS	4,690	4,550	-140	-3.0	1,000	05	BACHELOR'S DEGREE
107	25108	COMPUTER PROGRAMMER AIDES	380	370	-10	-2.6	80	05	BACHELOR'S DEGREE
109	25199	COMPUTER SCIENTISTS, REL WRKRS, NEC	1,230	1,770	540	43.9	60	05	BACHELOR'S DEGREE
110	25300	MATH SCIENTISTS AND RELATED	2,610	2,800	190	7.3	370		
111	25302	OPS, SYS RESEARCHERS--EX COMPUTER	650	600	-50	-7.7	140	03	MASTER'S DEGREE
113	25312	STATISTICIANS	170	150	-20	-11.8	20	05	BACHELOR'S DEGREE
115	25315	FINANCIAL ANALYSTS, STATISTICAL	1,790	2,050	260	14.5	210	05	BACHELOR'S DEGREE
118	27000	SOCIAL SCI, RECREATION, RELIGIOUS	8,140	8,870	730	9.0	1,170		
119	27100	SOCIAL SCI--INCL URBAN, REG PLNERS	2,030	2,100	70	3.4	290		
120	27102	ECONOMISTS--INCL MKT RESRCH ANALYS	1,080	1,110	30	2.8	160	05	BACHELOR'S DEGREE
121	27105	URBAN AND REGIONAL PLANNERS	360	380	20	5.6	50	03	MASTER'S DEGREE
122	27108	PSYCHOLOGISTS	320	340	20	6.3	40	03	MASTER'S DEGREE
123	27199	SOCIAL SCIENTISTS, NEC	270	270	0	0.0	40	03	MASTER'S DEGREE
124	27300	OTH SOCIAL SCIENCE RELATED WORKERS	5,610	6,240	630	11.2	810		
125	27302	SOCIAL WORKERS--MED, PSYCHIATRIC	1,310	1,430	120	9.2	120	03	MASTER'S DEGREE
126	27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	1,340	1,430	90	6.7	120	05	BACHELOR'S DEGREE
127	27307	RESIDENTIAL COUNSELORS	670	710	40	6.0	110	05	BACHELOR'S DEGREE
128	27308	HUMAN SERVICES WORKERS	1,270	1,610	340	26.8	270	10	MODERATE-TERM ON-THE-JOB TRAINING
129	27311	RECREATION WORKERS	1,020	1,060	40	3.9	190	05	BACHELOR'S DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
SAN FRANCISCO COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
130	27500	RELIGIOUS WORKERS	500	530	30	6.0	70		
131	27502	CLERGY	360	380	20	5.6	50	01	FIRST PROFESSIONAL DEGREE
132	27505	DIRECTORS--RELIG ACTIVITIES, EDUC	140	150	10	7.1	20	05	BACHELOR'S DEGREE
134	28000	LAW AND RELATED OCCUPATIONS	10,450	11,610	1,160	11.1	810		
135	28100	LAWYERS AND RELATED WORKERS	7,660	8,260	600	7.8	620		
136	28102	JUDGES AND MAGISTRATES	170	160	-10	-5.9	20	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
137	28105	ADJUDICATORS, JUDICIAL REVIEWERS	330	340	10	3.0	40	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
138	28108	LAWYERS	7,160	7,760	600	8.4	560	01	FIRST PROFESSIONAL DEGREE
139	28300	LEGAL ASSTS, TECHS, EX CLERICAL	2,790	3,350	560	20.1	190		
140	28302	LAW CLERKS	390	370	-20	-5.1	30	06	ASSOCIATE DEGREE
141	28305	PARALEGAL PERSONNEL	1,980	2,560	580	29.3	130	06	ASSOCIATE DEGREE
143	28311	TITLE EXAMINERS AND ABSTRACTORS	100	90	-10	-10.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
144	28399	LEGAL ASSTS, TECHS--EX CLER, NEC	320	330	10	3.1	20	06	ASSOCIATE DEGREE
145	31000	TEACHERS, EDUCATORS, LIBRARIANS	28,770	32,230	3,460	12.0	4,410		
146	31100	POSTSECONDARY TEACHERS	9,280	10,330	1,050	11.3	1,860		
148	31114	NURSING INSTRUCTORS, POSTSECONDARY	550	610	60	10.9	80	03	MASTER'S DEGREE
149	31117	GRADUATE ASSISTANTS, TEACHING	930	1,020	90	9.7	190	03	MASTER'S DEGREE
151	31202	LIFE SCIENCES TEACHERS, POSTSECOND	300	350	50	16.7	60	02	DOCTORAL DEGREE
152	31204	CHEMISTRY TEACHERS, POSTSECONDARY	110	130	20	18.2	20	02	DOCTORAL DEGREE
154	31209	PHYSICAL SCIENCE TEACHERS, POSTSEC	290	320	30	10.3	60	02	DOCTORAL DEGREE
157	31213	COMMUNICATIONS TEACHERS, POSTSECON	130	150	20	15.4	30	02	DOCTORAL DEGREE
158	31214	ENGLISH LANG & LIT TEACHERS, POSTS	610	680	70	11.5	130	02	DOCTORAL DEGREE
159	31215	FOREIGN LANG & LIT TEACHERS, POSTS	270	300	30	11.1	50	02	DOCTORAL DEGREE
160	31218	ART, DRAMA, MUSIC TEACHERS, POSTSE	430	480	50	11.6	90	02	DOCTORAL DEGREE

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LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
161	31222	ENGINEERING TEACHERS, POSTSECONDAR	170	190	20	11.8	40	02	DOCTORAL DEGREE
163	31224	MATHEMATICAL SCIENCES TEACHERS, PO	490	540	50	10.2	100	02	DOCTORAL DEGREE
164	31226	COMPUTER SCIENCE TEACHERS, POSTSEC	180	240	60	33.3	40	02	DOCTORAL DEGREE
166	31231	ANTHRO & SOCIOLOGY TEACHERS, POSTS	110	120	10	9.1	20	02	DOCTORAL DEGREE
170	31235	HISTORY TEACHERS, POSTSECONDARY	110	130	20	18.2	20	02	DOCTORAL DEGREE
171	31236	POLITICAL SCIENCE TEACHERS, POSTSE	100	110	10	10.0	20	02	DOCTORAL DEGREE
172	31237	PSYCHOLOGY TEACHERS, POSTSECONDARY	510	560	50	9.8	100	02	DOCTORAL DEGREE
173	31239	SOCIAL SCIENCES TEACHERS, POSTSECO	320	350	30	9.4	70	02	DOCTORAL DEGREE
174	31242	BUSINESS TEACHERS, POSTSECONDARY	640	710	70	10.9	130	02	DOCTORAL DEGREE
175	31244	LAW TEACHERS, POSTSECONDARY	400	440	40	10.0	80	02	DOCTORAL DEGREE
176	31246	CRIMINAL JUSTICE & LAW ENFORCE TEA	120	130	10	8.3	20	02	DOCTORAL DEGREE
178	31252	EDUCATION TEACHERS, POSTSECONDARY	740	820	80	10.8	150	02	DOCTORAL DEGREE
179	31254	PHILOSOPHY & RELIGION TEACHERS, PO	140	160	20	14.3	30	02	DOCTORAL DEGREE
183	31299	POSTSECONDARY TEACHERS, NEC	1,630	1,790	160	9.8	330	02	DOCTORAL DEGREE
184	31300	OTHER TEACHERS AND INSTRUCTORS	15,610	17,340	1,730	11.1	2,010		
185	31303	TEACHERS, PRESCHOOL	1,690	1,790	100	5.9	260	05	BACHELOR'S DEGREE
186	31304	TEACHERS, KINDERGARTEN	440	490	50	11.4	70	05	BACHELOR'S DEGREE
187	31305	TEACHERS--ELEMENTARY SCHOOL	4,230	4,730	500	11.8	710	05	BACHELOR'S DEGREE
188	31308	TEACHERS--SECONDARY SCHOOL	1,580	1,890	310	19.6	390	05	BACHELOR'S DEGREE
189	31311	TEACHERS--SPECIAL EDUCATION	570	720	150	26.3	40	05	BACHELOR'S DEGREE
190	31314	TEACHERS--VOC ED AND TRAINING	1,240	1,350	110	8.9	90	08	WORK EXPERIENCE
191	31317	INSTRUCTORS--NON-VOC EDUCATION	1,020	1,140	120	11.8	80	08	WORK EXPERIENCE
192	31321	INSTRUCTORS AND COACHES--SPORTS	1,700	1,890	190	11.2	130	10	MODERATE-TERM ON-THE-JOB TRAINING
194	31399	TEACHERS AND INSTRUCTORS, NEC	3,140	3,340	200	6.4	240	03	MASTER'S DEGREE
195	31500	LIBRARIANS, ARCHIVISTS AND RELATED	3,880	4,560	680	17.5	540		
196	31502	LIBRARIANS--PROFESSIONAL	720	730	10	1.4	130	03	MASTER'S DEGREE
197	31505	TECHNICAL ASSISTANTS--LIBRARY	290	330	40	13.8	60	11	SHORT-TERM ON-THE-JOB TRAINING
199	31511	CURATORS, ARCHIVISTS, AND RELATED	160	150	-10	-6.3	30	03	MASTER'S DEGREE

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			1999 (2)	2006				
200	31514	VOCATIONAL & EDUCATIONAL COUNSELOR	880	990	110	12.5	03	MASTER'S DEGREE
201	31517	INSTRUCTIONAL COORDINATORS	280	400	120	42.9	05	BACHELOR'S DEGREE
202	31521	TEACHER AIDES, PARAPROFESSIONAL	1,550	1,960	410	26.5	06	ASSOCIATE DEGREE
203	32000	HEALTH PRACTITIONERS, TECHS, RELAT	17,910	19,130	1,220	6.8		
204	32100	HEALTH DIAGNOSING, TREATING	1,500	1,590	90	6.0		
205	32102	PHYSICIANS AND SURGEONS	1,170	1,260	90	7.7	01	FIRST PROFESSIONAL DEGREE
206	32105	DENTISTS	330	330	0	0.0	01	FIRST PROFESSIONAL DEGREE
212	32300	THERAPISTS	1,210	1,370	160	13.2		
213	32302	RESPIRATORY THERAPISTS	250	320	70	28.0	06	ASSOCIATE DEGREE
214	32305	OCCUPATIONAL THERAPISTS	240	260	20	8.3	05	BACHELOR'S DEGREE
215	32308	PHYSICAL THERAPISTS	540	570	30	5.6	05	BACHELOR'S DEGREE
217	32314	SPEECH PATHOLOGISTS, AUDIOLOGISTS	180	220	40	22.2	03	MASTER'S DEGREE
220	32500	HEALTH CARE MAINTENANCE, TREATING	10,070	10,600	530	5.3		
221	32502	REGISTERED NURSES	6,960	7,370	410	5.9	06	ASSOCIATE DEGREE
222	32505	LICENSED PRACTICAL NURSES	1,420	1,390	-30	-2.1	07	POST SECONDARY VOCATIONAL EDUCATION
223	32508	EMERGENCY MEDICAL TECHNICIANS	380	430	50	13.2	07	POST SECONDARY VOCATIONAL EDUCATION
224	32511	PHYSICIANS ASSISTANTS	110	130	20	18.2	05	BACHELOR'S DEGREE
225	32514	OPTICIANS- DISPENSING, MEASURING	210	230	20	9.5	09	LONG-TERM ON-THE-JOB TRAINING
226	32517	PHARMACISTS	540	570	30	5.6	05	BACHELOR'S DEGREE
227	32518	PHARMACY TECHNICIANS	160	180	20	12.5	10	MODERATE-TERM ON-THE-JOB TRAINING
228	32521	DIEETITIANS AND NUTRITIONISTS	170	180	10	5.9	05	BACHELOR'S DEGREE
229	32523	DIEETETIC TECHNICIANS	120	120	0	0.0	06	ASSOCIATE DEGREE
230	32900	OTHER HEALTH PROFS, PARAPROFS	5,130	5,570	440	8.6		
231	32902	MED, CLINICAL LAB TECHNOLOGISTS	450	450	0	0.0	05	BACHELOR'S DEGREE
232	32905	MED, CLINICAL LAB ASSISTANTS	400	410	10	2.5	06	ASSOCIATE DEGREE
233	32908	DENTAL HYGIENISTS	550	610	60	10.9	06	ASSOCIATE DEGREE

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			1999 (2)	2006					
234	32911	MEDICAL RECORDS TECHNICIANS	170	200	30	17.6	30	06	ASSOCIATE DEGREE
237	32919	RADIOLOGIC TECHNICIANS	390	400	10	2.6	40	06	ASSOCIATE DEGREE
241	32928	SURGICAL TECHNICIANS	160	200	40	25.0	30	07	POST-SECONDARY VOCATIONAL EDUCATION
242	32931	PSYCHIATRIC TECHNICIANS	390	390	0	0.0	40	06	ASSOCIATE DEGREE
244	32999	HEALTH CARE PROFS, PARAPROFS, NEC	2,620	2,910	290	11.1	480	06	ASSOCIATE DEGREE
245	34000	WRITERS, ARTISTS, ENTER, ATHLETES	11,350	12,300	950	8.4	1,800		
246	34002	WRITERS AND EDITORS	1,690	1,860	170	10.1	330	05	BACHELOR'S DEGREE
247	34005	TECHNICAL WRITERS & EDITORS	490	540	50	10.2	90	05	BACHELOR'S DEGREE
248	34008	PUB REL SPECS, PUBLICITY WRITERS	810	870	60	7.4	150	05	BACHELOR'S DEGREE
249	34011	REPORTERS AND CORRESPONDENTS	660	660	0	0.0	150	05	BACHELOR'S DEGREE
251	34017	ANNOUNCERS--RADIO AND TELEVISION	260	260	0	0.0	40	09	LONG-TERM ON-THE-JOB TRAINING
253	34023	PHOTOGRAPHERS	770	740	-30	-3.9	80	10	MODERATE-TERM ON-THE-JOB TRAINING
255	34028	BROADCAST TECHNICIANS	340	350	10	2.9	70	07	POST-SECONDARY VOCATIONAL EDUCATION
257	34035	ARTISTS AND RELATED WORKERS	1,560	1,710	150	9.6	240	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
258	34038	DESIGNERS, EX INTERIOR DESIGNERS	1,460	1,660	200	13.7	160	05	BACHELOR'S DEGREE
259	34041	INTERIOR DESIGNERS	340	380	40	11.8	40	05	BACHELOR'S DEGREE
260	34044	MERCH DISPLAYERS, WINDOW TRIMMERS	100	120	20	20.0	10	05	BACHELOR'S DEGREE
261	34047	MUSIC DIRECTORS, SINGERS, COMPOSERS	200	210	10	5.0	30	09	LONG-TERM ON-THE-JOB TRAINING
262	34051	MUSICIANS--INSTRUMENTAL	1,050	1,100	50	4.8	140	09	LONG-TERM ON-THE-JOB TRAINING
263	34053	DANCERS AND CHOREOGRAPHERS	380	440	60	15.8	60	07	POST-SECONDARY VOCATIONAL EDUCATION
264	34056	PRODUCERS, DIRECTORS, ACTORS	1,240	1,400	160	12.9	210	09	LONG-TERM ON-THE-JOB TRAINING
266	39000	MISC PROFS, PARAPROFS, TECHNICAL	9,450	10,410	960	10.2	1,640		
272	39999	OTHER PROF, PARAPROF, TECHNICAL	9,450	10,410	960	10.2	1,640	05	BACHELOR'S DEGREE

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			1999 (2)	2006					
273	40000	SALES AND RELATED OCCUPATIONS	62,850	70,080	7,230	11.5	13,350		
274	41000	FIRST-LINE SUP/MGR--SALES	7,390	8,310	920	12.4	710		
275	41002	FIRST-LINE SUP/MGR--SALES	7,390	8,310	920	12.4	710	08	WORK EXPERIENCE
276	43000	SALES AGENTS--SERVICE	11,270	11,990	720	6.4	1,570		
277	43002	SALES AGENTS, PLACERS--INSURANCE	1,530	1,580	50	3.3	250	09	LONG-TERM ON-THE-JOB TRAINING
279	43008	SALES AGENTS--REAL ESTATE	470	470	0	0.0	70	07	POST-SECONDARY VOCATIONAL EDUCATION
280	43011	APPRAISERS--REAL ESTATE	240	240	0	0.0	30	08	WORK EXPERIENCE
281	43014	SALES AGENTS--FINANCIAL SERVICES	3,280	3,420	140	4.3	170	09	LONG-TERM ON-THE-JOB TRAINING
282	43017	SALES AGENTS--SEL BUS SERVICES	2,410	2,700	290	12.0	370	10	MODERATE-TERM ON-THE-JOB TRAINING
283	43021	TRAVEL AGENTS	1,110	1,140	30	2.7	170	07	POST-SECONDARY VOCATIONAL EDUCATION
284	43023	SALES AGENTS--ADVERTISING	1,440	1,580	140	9.7	290	10	MODERATE-TERM ON-THE-JOB TRAINING
285	43099	SALES REPS, SERVICE--NEC	790	860	70	8.9	220	10	MODERATE-TERM ON-THE-JOB TRAINING
286	49000	MERCH, PRODUCTS AND OTHER SALES	44,190	49,780	5,590	12.6	11,070		
287	49002	SALES ENGINEERS	230	240	10	4.3	30	05	BACHELOR'S DEGREE
288	49005	SALES REPS, SCIENTIFIC--EX RETAIL	1,400	1,400	0	0.0	240	10	MODERATE-TERM ON-THE-JOB TRAINING
289	49008	SALES REPS, NON-SCIENTIFIC EX RET	3,890	3,730	-160	-4.1	650	10	MODERATE-TERM ON-THE-JOB TRAINING
290	49011	SALESPERSONS, RETAIL	16,920	19,940	3,020	17.8	4,450	11	SHORT-TERM ON-THE-JOB TRAINING
291	49014	SALESPERSONS--PARTS	490	500	10	2.0	100	10	MODERATE-TERM ON-THE-JOB TRAINING
292	49017	COUNTER AND RENTAL CLERKS	2,180	2,350	170	7.8	700	11	SHORT-TERM ON-THE-JOB TRAINING
293	49021	STOCK CLERKS--SALES FLOOR	3,740	4,140	400	10.7	410	11	SHORT-TERM ON-THE-JOB TRAINING
294	49023	CASHIERS	9,300	10,540	1,240	13.3	3,150	11	SHORT-TERM ON-THE-JOB TRAINING
295	49026	TELEMARKETERS, SOLICITORS & RELATE	2,130	2,620	490	23.0	440	11	SHORT-TERM ON-THE-JOB TRAINING
296	49034	DEMONSTRATORS AND PROMOTERS	760	860	100	13.2	160	10	MODERATE-TERM ON-THE-JOB TRAINING
298	49999	SALES AND RELATED WORKERS, NEC	3,150	3,460	310	9.8	740	10	MODERATE-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
299	50000	CLERICAL, ADMINISTRATIVE SUPPORT	126,410	126,910	500	0.4	19,060		
300	51000	FIRST-LINE SUP/MGR, CLERL, ADM SUP	9,920	10,560	640	6.5	1,590		
301	51002	FIRST-LINE SUP/MGR, CLERL, ADM SUP	9,920	10,560	640	6.5	1,590	08	WORK EXPERIENCE
302	53000	INDUSTRY SPECIFIC CLERICAL, ADMIN	19,680	20,390	710	3.6	3,610		
303	53100	BANKING, SECURITY, FINANCE, CREDIT	10,750	10,930	180	1.7	2,060		
304	53102	TELLERS	5,390	5,200	-190	-3.5	1,620	11	SHORT-TERM ON-THE-JOB TRAINING
305	53105	NEW ACCOUNTS CLERKS	600	660	60	10.0	140	08	WORK EXPERIENCE
309	53117	CREDIT CHECKERS	220	200	-20	-9.1	10	11	SHORT-TERM ON-THE-JOB TRAINING
310	53121	LOAN AND CREDIT CLERKS	590	600	10	1.7	40	11	SHORT-TERM ON-THE-JOB TRAINING
311	53123	ADJUSTMENT CLERKS	2,470	2,870	400	16.2	120	11	SHORT-TERM ON-THE-JOB TRAINING
312	53126	STATEMENT CLERKS	110	90	-20	-18.2	10	11	SHORT-TERM ON-THE-JOB TRAINING
313	53128	BROKERAGE CLERKS	1,370	1,310	-60	-4.4	120	11	SHORT-TERM ON-THE-JOB TRAINING
314	53300	INSURANCE WORKERS	2,430	2,530	100	4.1	270		
315	53302	INS ADJUST, EXAMIN, INVESTIGATORS	710	770	60	8.5	90	09	LONG-TERM ON-THE-JOB TRAINING
318	53311	INSURANCE CLAIMS CLERKS	770	790	20	2.6	90	10	MODERATE-TERM ON-THE-JOB TRAINING
319	53314	INSURANCE POLICY PROCESSING CLERKS	950	970	20	2.1	90	10	MODERATE-TERM ON-THE-JOB TRAINING
320	53500	INVESTIGATIVE, RELATED, EX INSUR	1,130	1,200	70	6.2	210		
321	53502	WELFARE ELIG WORKERS, INTERVIEWERS	330	300	-30	-9.1	50	10	MODERATE-TERM ON-THE-JOB TRAINING
323	53508	BILL AND ACCOUNT COLLECTORS	800	900	100	12.5	160	11	SHORT-TERM ON-THE-JOB TRAINING
328	53800	LODGING AND TRAVEL WORKERS	2,430	2,560	130	5.3	570		
329	53802	TRAVEL CLERKS	130	140	10	7.7	20	11	SHORT-TERM ON-THE-JOB TRAINING
330	53805	RESERVATION, TRANS TICKET AGENTS	820	870	50	6.1	130	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
331	53808	HOTEL DESK CLERKS	1,480	1,550	70	4.7	420	11	SHORT-TERM ON-THE-JOB TRAINING
332	53900	MISC INDUSTRY SPECIFIC CLERICAL							
333	53902	LIBRARY ASSTS & BOOKMOBILE DRIVERS	2,940	3,170	230	7.8	500		
334	53905	TEACHER AIDES & EDUC ASSTS, CLERIC	630	670	40	6.3	230	11	SHORT-TERM ON-THE-JOB TRAINING
335	53908	ADVERTISING CLERKS	1,720	1,940	220	12.8	150	11	SHORT-TERM ON-THE-JOB TRAINING
336	53911	PROOFREADERS AND COPY MARKERS	260	290	30	11.5	50	11	SHORT-TERM ON-THE-JOB TRAINING
			330	270	-60	-18.2	70	11	SHORT-TERM ON-THE-JOB TRAINING
338	55000	SECRETARIAL, GENERAL OFFICE OCCS	68,030	67,000	-1,030	-1.5	10,120		
339	55100	SECRETARIES	18,780	18,040	-740	-3.9	2,070		
340	55102	SECRETARIES, LEGAL	3,960	3,900	-60	-1.5	440	07	POST-SECONDARY VOCATIONAL EDUCATION
341	55105	SECRETARIES, MEDICAL	1,260	1,190	-70	-5.6	140	07	POST-SECONDARY VOCATIONAL EDUCATION
342	55108	SECRETARIES, GENERAL	13,560	12,950	-610	-4.5	1,490	07	POST-SECONDARY VOCATIONAL EDUCATION
343	55300	MISC SECRETARIAL, GENL OFF OCCS	49,250	48,960	-290	-0.6	8,050		
344	55302	STENOGRAPHERS AND/OR COURT REPORTE	330	300	-30	-9.1	40	07	POST-SECONDARY VOCATIONAL EDUCATION
345	55305	RECEPTIONISTS, INFORMATION CLERKS	7,820	8,430	610	7.8	1,100	11	SHORT-TERM ON-THE-JOB TRAINING
346	55307	TYPISTS, INCLUDING WORD PROCESSING	2,650	2,080	-570	-21.5	320	10	MODERATE-TERM ON-THE-JOB TRAINING
347	55314	PERS CLERKS--EX PAYROLL	1,060	1,040	-20	-1.9	140	11	SHORT-TERM ON-THE-JOB TRAINING
348	55317	CORRESPONDENCE CLERKS	140	140	0	0.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
349	55321	FILE CLERKS	2,110	2,120	10	0.5	520	11	SHORT-TERM ON-THE-JOB TRAINING
350	55323	ORDER CLERKS--MATERIALS, SERVICE	1,540	1,470	-70	-4.5	250	11	SHORT-TERM ON-THE-JOB TRAINING
351	55326	PROCUREMENT CLERKS	120	100	-20	-16.7	10	11	SHORT-TERM ON-THE-JOB TRAINING
352	55328	STATISTICAL CLERKS	210	200	-10	-4.8	20	10	MODERATE-TERM ON-THE-JOB TRAINING
353	55332	INTERVIEW CLERKS--EX PERS, WELFARE	400	420	20	5.0	90	11	SHORT-TERM ON-THE-JOB TRAINING
354	55335	CUSTOMER SERVICE REPS--UTILITIES	1,540	1,660	120	7.8	270	11	SHORT-TERM ON-THE-JOB TRAINING
355	55338	BOOKKEEPING, ACCOUNTING CLERKS	10,990	10,440	-550	-5.0	1,390	10	MODERATE-TERM ON-THE-JOB TRAINING
356	55341	PAYROLL AND TIMEKEEPING CLERKS	680	640	-40	-5.9	90	11	SHORT-TERM ON-THE-JOB TRAINING
357	55344	BILLING, COST, AND RATE CLERKS	1,320	1,360	40	3.0	190	11	SHORT-TERM ON-THE-JOB TRAINING
358	55347	GENERAL OFFICE CLERKS	18,340	18,560	220	1.2	3,600	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
359	56000	EDP AND OFFICE MACHINE OCCUPATIONS	5,690	5,320	-370	-6.5	650		
360	56002	BILLING, POSTING, CALC MACHINE OPS	490	460	-30	-6.1	70	11	SHORT-TERM ON-THE-JOB TRAINING
361	56005	DUPLICATING MACHINE OPERATORS	990	1,150	160	16.2	220	11	SHORT-TERM ON-THE-JOB TRAINING
362	56008	MAIL MACH OPS--PREP AND HANDLING	380	370	-10	-2.6	80	11	SHORT-TERM ON-THE-JOB TRAINING
363	56011	COMPUTER OPS--EX PERIPHERAL EQUIP	1,320	1,020	-300	-22.7	110	10	MODERATE-TERM ON-THE-JOB TRAINING
364	56014	PERIPHERAL EDP EQUIPMENT OPERATORS	140	100	-40	-28.6	10	10	MODERATE-TERM ON-THE-JOB TRAINING
365	56017	DATA ENTRY KEYERS--EX COMPOSING	2,040	1,950	-90	-4.4	100	07	POST-SECONDARY VOCATIONAL EDUCATION
367	56099	OFFICE MACHINE OPERATORS, NEC	330	270	-60	-18.2	60	11	SHORT-TERM ON-THE-JOB TRAINING
368	57000	COMMUNICATIONS, MAIL DISTRIBUTION	5,980	6,070	90	1.5	990		
369	57100	COMMUNICATION EQUIPMENT OPERATORS	1,180	1,030	-150	-12.7	170		
370	57102	SWITCHBOARD OPERATORS	1,000	910	-90	-9.0	150	11	SHORT-TERM ON-THE-JOB TRAINING
371	57105	DIRECTORY ASSISTANCE OPERATORS	180	120	-60	-33.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
375	57300	MAIL, MESSAGE DISTRIBUTION WORKERS	4,800	5,040	240	5.0	820		
376	57302	MAIL CLKS-EX MAIL MACH OPS, POSTAL	710	700	-10	-1.4	120	11	SHORT-TERM ON-THE-JOB TRAINING
377	57305	POSTAL MAIL CARRIERS	2,180	2,290	110	5.0	430	11	SHORT-TERM ON-THE-JOB TRAINING
378	57308	POSTAL SERVICE CLERKS	980	1,020	40	4.1	110	11	SHORT-TERM ON-THE-JOB TRAINING
379	57311	MESSENGERS	930	1,030	100	10.8	160	11	SHORT-TERM ON-THE-JOB TRAINING
380	58000	MATERIAL RECORDING, DISPATCHING	11,630	11,870	240	2.1	1,450		
381	58002	DISPATCH--POLICE, FIRE, AMBULANCE	240	240	0	0.0	30	10	MODERATE-TERM ON-THE-JOB TRAINING
382	58005	DISPATCH--EX POLICE, FIRE, AMBUL	680	770	90	13.2	80	10	MODERATE-TERM ON-THE-JOB TRAINING
383	58008	PROD, PLANNING, EXPEDITING CLERKS	910	870	-40	-4.4	70	11	SHORT-TERM ON-THE-JOB TRAINING
385	58014	METER READERS--UTILITIES	120	130	10	8.3	20	11	SHORT-TERM ON-THE-JOB TRAINING
387	58021	MARKING CLERKS	110	100	-10	-9.1	20	11	SHORT-TERM ON-THE-JOB TRAINING
388	58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	2,320	2,480	160	6.9	250	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
389	58026	ORDER FILLERS--WHLE & RET SALES	970	1,060	90	9.3	170	11	SHORT-TERM ON-THE-JOB TRAINING
390	58028	TRAFFIC, SHIPPING, RECEIVING CLKS	4,910	4,770	-140	-2.9	560	11	SHORT-TERM ON-THE-JOB TRAINING
391	58099	MATERIAL RECORDING, RELATED, NEC	1,370	1,450	80	5.8	250	11	SHORT-TERM ON-THE-JOB TRAINING
392	59000	CLERICAL, ADMIN SUPPORT, NEC	5,480	5,700	220	4.0	650	11	SHORT-TERM ON-THE-JOB TRAINING
394	60000	SERVICE OCCUPATIONS	94,170	100,580	6,410	6.8	23,110		
395	61000	FIRST-LINE SUP/MGR--SERVICE	4,900	5,360	460	9.4	870		
396	61002	FIRE FIGHTING & PREVENTION SUPS	400	410	10	2.5	90	08	WORK EXPERIENCE
397	61005	POLICE AND DETECTIVE SUPERVISORS	500	520	20	4.0	100	08	WORK EXPERIENCE
398	61008	HOUSEKEEPING SUPERVISORS	490	500	10	2.0	80	08	WORK EXPERIENCE
399	61099	FIRST-LINE SUP/MGR SERV WKRS, NEC	3,510	3,930	420	12.0	600	08	WORK EXPERIENCE
400	63000	PROTECTIVE SERVICE OCCUPATIONS	12,030	13,530	1,500	12.5	2,490		
403	63008	FIRE FIGHTERS	1,060	1,040	-20	-1.9	180	09	LONG-TERM ON-THE-JOB TRAINING
404	63011	POLICE DETECTIVES	140	160	20	14.3	30	08	WORK EXPERIENCE
405	63014	POLICE PATROL OFFICERS	1,690	1,980	290	17.2	340	09	LONG-TERM ON-THE-JOB TRAINING
406	63017	CORRECTION OFFICERS, JAILERS	1,480	1,790	310	20.9	310	09	LONG-TERM ON-THE-JOB TRAINING
410	63028	CRIMINAL INVESTIGATORS, FEDERAL	250	300	50	20.0	50	05	BACHELOR'S DEGREE
411	63032	SHERIFFS AND DEPUTY SHERIFFS	680	800	120	17.6	50	09	LONG-TERM ON-THE-JOB TRAINING
412	63035	DETECTIVES, INVESTIGATORS--EX PUB	150	170	20	13.3	30	10	MODERATE-TERM ON-THE-JOB TRAINING
416	63047	GUARDS AND WATCH GUARDS	5,790	6,460	670	11.6	1,080	11	SHORT-TERM ON-THE-JOB TRAINING
417	63099	PROTECTIVE SERVICE WORKERS, NEC	790	830	40	5.1	420	11	SHORT-TERM ON-THE-JOB TRAINING
418	65000	FOOD, BEV PREP AND SERVICE OCCS	44,480	46,230	1,750	3.9	14,920		
419	65002	HOSTS, HOSTESSES--RESTAURANTS	1,330	1,430	100	7.5	300	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
420	65005	BARTENDERS	2,670	2,570	-100	-3.7	780	11	SHORT-TERM ON-THE-JOB TRAINING
421	65008	WAITERS AND WAITRESSES	11,120	11,670	550	4.9	4,440	11	SHORT-TERM ON-THE-JOB TRAINING
422	65011	FOOD SERVERS--OUTSIDE	460	560	100	21.7	320	11	SHORT-TERM ON-THE-JOB TRAINING
423	65014	DINING RM ATTENDANTS, BAR HELPERS	3,270	3,150	-120	-3.7	730	11	SHORT-TERM ON-THE-JOB TRAINING
424	65017	COUNTER ATTENDANTS--FOOD	1,500	1,610	110	7.3	990	11	SHORT-TERM ON-THE-JOB TRAINING
425	65021	BAKERS--BREAD AND PASTRY	840	930	90	10.7	170	10	MODERATE-TERM ON-THE-JOB TRAINING
426	65023	BUTCHERS AND MEAT CUTTERS	470	450	-20	-4.3	80	09	LONG-TERM ON-THE-JOB TRAINING
427	65026	COOKS--RESTAURANT	5,200	5,610	410	7.9	1,020	09	LONG-TERM ON-THE-JOB TRAINING
428	65028	COOKS--INSTITUTION OR CAFETERIA	1,040	1,070	30	2.9	200	09	LONG-TERM ON-THE-JOB TRAINING
429	65032	COOKS--SPECIALTY FAST FOOD	960	1,040	80	8.3	190	11	SHORT-TERM ON-THE-JOB TRAINING
430	65035	COOKS--SHORT ORDER	1,270	1,380	110	8.7	250	11	SHORT-TERM ON-THE-JOB TRAINING
431	65038	FOOD PREPARATION WORKERS	5,330	5,500	170	3.2	2,110	11	SHORT-TERM ON-THE-JOB TRAINING
432	65041	COMBINED FOOD PREP AND SERVICE	6,870	7,170	300	4.4	2,740	11	SHORT-TERM ON-THE-JOB TRAINING
433	65099	FOOD SERVICE WORKERS, NEC	2,150	2,090	-60	-2.8	600	11	SHORT-TERM ON-THE-JOB TRAINING
434	66000	HEALTH SERVICE, RELATED OCCS	6,860	7,650	790	11.5	850		MODERATE-TERM ON-THE-JOB TRAINING
435	66002	DENTAL ASSISTANTS	1,120	1,260	140	12.5	130	10	MODERATE-TERM ON-THE-JOB TRAINING
436	66005	MEDICAL ASSISTANTS	970	1,170	200	20.6	180	10	MODERATE-TERM ON-THE-JOB TRAINING
437	66008	NURSE AIDES, ORDERLIES, ATTENDANTS	2,940	3,140	200	6.8	290	11	SHORT-TERM ON-THE-JOB TRAINING
438	66011	HOME HEALTH AIDES	1,020	1,210	190	18.6	110	11	SHORT-TERM ON-THE-JOB TRAINING
440	66017	PHYSICAL THERAPY ASSISTANTS & AIDE	240	270	30	12.5	40	10	MODERATE-TERM ON-THE-JOB TRAINING
443	66026	PHARMACY AIDES	110	120	10	9.1	20	11	SHORT-TERM ON-THE-JOB TRAINING
444	66099	HEALTH SERVICE WORKERS, NEC	460	480	20	4.3	80	11	SHORT-TERM ON-THE-JOB TRAINING
445	67000	CLEANING, BLDG SERV EX PRIV HOU	17,110	18,270	1,160	6.8	2,570		SHORT-TERM ON-THE-JOB TRAINING
446	67002	MAIDS AND HOUSEKEEPING CLEANERS	5,970	6,290	320	5.4	800	11	SHORT-TERM ON-THE-JOB TRAINING
447	67005	JANITORS, CLEANERS--EXCEPT MAIDS	10,200	11,030	830	8.1	1,630	11	SHORT-TERM ON-THE-JOB TRAINING
450	67099	CLEANING, BLDG SERV--EX PH, NEC	940	950	10	1.1	140	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
451	68000	MISC PERSONAL SERVICE OCCUPATIONS	6,180	6,800	620	10.0	900		
453	68005	HAIRDRESSERS, HAIRSTYLISTS	940	960	20	2.1	170	07	POST-SECONDARY VOCATIONAL EDUCATION
454	68008	MANICURISTS	130	150	20	15.4	30	07	POST-SECONDARY VOCATIONAL EDUCATION
455	68011	SHAMPOOERS	210	220	10	4.8	40	11	SHORT-TERM ON-THE-JOB TRAINING
456	68014	AMUSEMENT, RECREATION ATTENDANTS	570	630	60	10.5	80	11	SHORT-TERM ON-THE-JOB TRAINING
457	68017	GUIDES	270	280	10	3.7	40	08	WORK EXPERIENCE
458	68021	USHERS, LOBBY ATTENDANTS	630	720	90	14.3	90	11	SHORT-TERM ON-THE-JOB TRAINING
459	68023	BAGGAGE PORTERS AND BELLHOPS	580	620	40	6.9	80	11	SHORT-TERM ON-THE-JOB TRAINING
460	68026	FLIGHT ATTENDANTS	810	970	160	19.8	130	09	LONG-TERM ON-THE-JOB TRAINING
463	68035	PERSONAL AND HOME CARE AIDES	700	780	80	11.4	140	11	SHORT-TERM ON-THE-JOB TRAINING
464	68038	CHILD CARE WORKERS	1,340	1,470	130	9.7	100	11	SHORT-TERM ON-THE-JOB TRAINING
466	69000	MISC SERVICE WORKERS	2,610	2,740	130	5.0	510	08	WORK EXPERIENCE
468	70000	AGRICULTURAL, FORESTRY, FISHING	4,220	4,570	350	8.3	840		
477	79000	MISC AG, FORESTRY, FISHING	4,220	4,570	350	8.3	840		
478	79002	FOREST, CONSERVATION WORKERS	130	130	0	0.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
483	79017	ANIMAL CARETAKERS--EXCEPT FARM	550	620	70	12.7	60	11	SHORT-TERM ON-THE-JOB TRAINING
487	79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	3,030	3,290	260	8.6	670	11	SHORT-TERM ON-THE-JOB TRAINING
488	79806	VETERINARY ASSISTANTS	130	140	10	7.7	10	11	SHORT-TERM ON-THE-JOB TRAINING
491	79999	AG, FORESTRY, FISHING--NEC	380	390	10	2.6	80	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
492	80000	PROD, CONST, OPER, MAT HANDLING	80,920	84,050	3,130	3.9	13,470		
493	81000	FIRST-LINE SUP/MGR-BLUE COLLAR	4,620	4,860	240	5.2	910		
494	81002	FIRST-LINE SUP/MGR-MECH, REPAIRERS	860	890	30	3.5	180	08	WORK EXPERIENCE
495	81005	FIRST-LINE SUP/MGR-CONSTRUCTION	830	950	120	14.5	170	08	WORK EXPERIENCE
496	81008	FIRST-LINE SUP/MGR-PRODUCTION	810	750	-60	-7.4	150	08	WORK EXPERIENCE
497	81011	FIRST-LINE SUP/MGR-TRANSPORTATION	360	390	30	8.3	70	08	WORK EXPERIENCE
498	81017	FIRST-LINE SUP/MGR-HELP, LABORERS	380	420	40	10.5	80	08	WORK EXPERIENCE
499	81099	FIRST-LINE SUP/MGR-BLUE COLLAR NEC	1,380	1,460	80	5.8	260	08	WORK EXPERIENCE
500	83000	INSPECTORS, RELATED OCCUPATIONS	1,300	1,280	-20	-1.5	200		
501	83002	INSPECTORS,TESTERS,& GRADERS,PREC	180	170	-10	-5.6	30	08	WORK EXPERIENCE
502	83005	PROD INSPECTORS, TESTERS, & GRADER	720	700	-20	-2.8	110	08	WORK EXPERIENCE
504	83099	INSPECTORS, TESTERS, RELATED, NEC	400	410	10	2.5	60	08	WORK EXPERIENCE
505	85000	MECHANICS, INSTALLERS, REPAIRERS	12,130	12,940	810	6.7	2,080		
506	85100	MACHINERY AND RELATED MECHANICS	4,960	5,230	270	5.4	800		
507	85110	MACHINERY MAINTENANCE MECHANICS	140	140	0	0.0	20	09	LONG-TERM ON-THE-JOB TRAINING
510	85116	MAINT MECHANICS--MARINE EQUIP	160	180	20	12.5	30	09	LONG-TERM ON-THE-JOB TRAINING
512	85118	MAINT MECHANICS--WATER, POWER	140	150	10	7.1	20	09	LONG-TERM ON-THE-JOB TRAINING
513	85119	MACHINERY MAINT MECHANICS, NEC	180	190	10	5.6	30	09	LONG-TERM ON-THE-JOB TRAINING
517	85132	MAINT REPAIRERS, GENL UTILITY	4,340	4,570	230	5.3	700	09	LONG-TERM ON-THE-JOB TRAINING
518	85300	MOBILE EQUIP MECHANICS, REPAIRERS	2,910	3,070	160	5.5	500		
519	85302	AUTOMOTIVE MECHANICS	1,560	1,650	90	5.8	280	09	LONG-TERM ON-THE-JOB TRAINING
520	85305	AUTOMOTIVE BODY, RELATED REPAIRERS	300	300	0	0.0	60	09	LONG-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
522	85311	BUS AND TRUCK MECHANICS	460	480	20	4.3	70	09	LONG-TERM ON-THE-JOB TRAINING
526	85323	AIRCRAFT MECHANICS	460	500	40	8.7	70	07	POST-SECONDARY VOCATIONAL EDUCATION
527	85326	AIRCRAFT ENGINE SPECIALISTS	130	140	10	7.7	20	07	POST-SECONDARY VOCATIONAL EDUCATION
530	85500	COMM EQUIPMENT MECHANICS	320	340	20	6.3	70		
531	85502	CENTRAL OFFICE AND PBX INSTALLERS	160	180	20	12.5	40	07	POST-SECONDARY VOCATIONAL EDUCATION
536	85599	COMM EQUIPMENT MECHANICS, NEC	160	160	0	0.0	30	07	POST-SECONDARY VOCATIONAL EDUCATION
537	85700	OTHER ELECTRICAL EQUIP MECHANICS	2,570	2,810	240	9.3	510		
538	85702	TELEPHONE, CABLE TV INSTALLERS	1,220	1,420	200	16.4	300	09	LONG-TERM ON-THE-JOB TRAINING
539	85705	DATA PROCESSING EQUIP REPAIRERS	240	250	10	4.2	20	07	POST-SECONDARY VOCATIONAL EDUCATION
545	85723	ELECT POWERLINE INSTALLERS	670	730	60	9.0	110	09	LONG-TERM ON-THE-JOB TRAINING
546	85726	STATION INSTALLERS--TELEPHONE	180	130	-50	-27.8	30	07	POST-SECONDARY VOCATIONAL EDUCATION
548	85799	ELECT EQUIP MECHANICS, NEC	260	280	20	7.7	50	09	LONG-TERM ON-THE-JOB TRAINING
549	85900	MISC MECH, INSTALLERS, REPAIRERS	1,370	1,490	120	8.8	200		
550	85902	HEATING, AC, REFRIG MECHANICS	270	300	30	11.1	40	09	LONG-TERM ON-THE-JOB TRAINING
559	85928	MECH CONTROL, VALVE INSTALLERS	100	110	10	10.0	20	09	LONG-TERM ON-THE-JOB TRAINING
561	85935	RIGGERS	160	170	10	6.3	30	09	LONG-TERM ON-THE-JOB TRAINING
568	85999	MECHS, INSTALLERS, REPAIRERS, NEC	840	910	70	8.3	110	09	LONG-TERM ON-THE-JOB TRAINING
569	87000	CONSTRUCTION TRADES	10,330	11,260	930	9.0	1,790		
570	87100	CARPENTERS AND RELATED WORKERS	3,620	3,890	270	7.5	670		
571	87102	CARPENTERS	3,190	3,420	230	7.2	620	09	LONG-TERM ON-THE-JOB TRAINING
572	87105	CEILING TILE INSTALLERS	120	130	10	8.3	20	10	Moderate-term on-the-job training
573	87108	DRYWALL INSTALLERS	160	180	20	12.5	20	10	Moderate-term on-the-job training
575	87114	LATHERS	150	160	10	6.7	10	10	Moderate-term on-the-job training
577	87200	ELECTRICIANS AND RELATED WORKERS	2,000	2,180	180	9.0	300		
578	87202	ELECTRICIANS	2,000	2,180	180	9.0	300	09	LONG-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
579	87300	MASONS AND RELATED WORKERS	290	330	40	13.8	40		
580	87302	BRICKMASON	110	130	20	18.2	20	09	LONG-TERM ON-THE-JOB TRAINING
583	87311	CONCRETE AND TERRAZZO FINISHERS	180	200	20	11.1	20	09	LONG-TERM ON-THE-JOB TRAINING
586	87400	PAINTERS AND RELATED WORKERS	1,740	1,930	190	10.9	330		
587	87402	PAINTERS, PAPERHANGERS--CONST	1,740	1,930	190	10.9	330	10	MODERATE-TERM ON-THE-JOB TRAINING
588	87500	PLUMBERS AND RELATED WORKERS	660	710	50	7.6	60		
589	87502	PLUMBERS, PIPEFITTERS, STEAMFITTER	660	710	50	7.6	60	09	LONG-TERM ON-THE-JOB TRAINING
597	87700	SELECTED ROAD, RAIL AND RELATED	490	530	40	8.2	90		
600	87708	PAVING, TAMPING-EQUIP OPERATORS	210	230	20	9.5	40	10	MODERATE-TERM ON-THE-JOB TRAINING
601	87711	HIGHWAY MAINTENANCE WORKERS	280	300	20	7.1	50	11	SHORT-TERM ON-THE-JOB TRAINING
603	87800	CONSTRUCTION TRADES, NEC	880	970	90	10.2	180		
606	87805	SHEET METAL DUCT INSTALLERS	120	140	20	16.7	20	10	MODERATE-TERM ON-THE-JOB TRAINING
607	87808	ROOFERS	450	480	30	6.7	110	10	MODERATE-TERM ON-THE-JOB TRAINING
611	87899	CONSTRUCTION TRADES WORKERS, NEC	310	350	40	12.9	50	10	MODERATE-TERM ON-THE-JOB TRAINING
612	87900	EXTRACTIVE AND RELATED WORKERS	650	720	70	10.8	120		
626	87999	CONST, EXTRACTIVE--EX HELPERS, NEC	650	720	70	10.8	120	10	MODERATE-TERM ON-THE-JOB TRAINING
627	89000	PRODUCTION OCCUPATIONS, PRECISION	6,010	6,320	310	5.2	940		
628	89100	METAL WORKERS, PRECISION	770	850	80	10.4	130		
631	89108	MACHINISTS	310	320	10	3.2	40	09	LONG-TERM ON-THE-JOB TRAINING
636	89123	JEWELERS AND SILVERSMITHS	160	170	10	6.3	30	09	LONG-TERM ON-THE-JOB TRAINING
639	89132	SHEET METAL WORKERS	300	360	60	20.0	60	10	MODERATE-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
642	89300	WOODWORKERS, PRECISION	400	450	50	12.5	40		
646	89311	CABINETMAKERS AND BENCH CARPENTERS	290	320	30	10.3	20	09	LONG-TERM ON-THE-JOB TRAINING
647	89314	FURNITURE FINISHERS	110	130	20	18.2	20	09	LONG-TERM ON-THE-JOB TRAINING
649	89500	TEXTILE, APPAREL, FURNISHINGS,PREC	940	910	-30	-3.2	130		
650	89502	PATTERNMAKERS AND LAYOUT WORKERS	170	160	-10	-5.9	20	09	LONG-TERM ON-THE-JOB TRAINING
651	89505	CUSTOM TAILORS AND SEWERS	210	210	0	0.0	30	08	WORK EXPERIENCE
652	89508	UPHOLSTERERS	160	160	0	0.0	20	09	LONG-TERM ON-THE-JOB TRAINING
655	89517	PRESSERS--DELICATE FABRICS	130	140	10	7.7	20	09	LONG-TERM ON-THE-JOB TRAINING
657	89599	TEXT,APPAREL,FURNISHINGS,NEC--PREC	270	240	-30	-11.1	40	09	LONG-TERM ON-THE-JOB TRAINING
658	89700	PRINTING WORKERS, PRECISION	270	340	70	25.9	40		
660	89705	JOB PRINTERS	120	120	0	0.0	20	09	LONG-TERM ON-THE-JOB TRAINING
662	89707	ELECTRONIC PAGINATION SYSTEM WKRS	150	220	70	46.7	20	09	LONG-TERM ON-THE-JOB TRAINING
672	89800	FOOD WORKERS, PRECISION	200	220	20	10.0	20		
674	89805	BAKERS--MANUFACTURING	200	220	20	10.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
677	89900	OTHER PRECISION WORKERS	3,430	3,550	120	3.5	580		
682	89914	PHOTOGRAPHIC PROCESS WKR,PRECISION	110	110	0	0.0	30	09	LONG-TERM ON-THE-JOB TRAINING
684	89921	DENTAL LAB TECHNICIANS, PRECISION	110	100	-10	-9.1	10	09	LONG-TERM ON-THE-JOB TRAINING
687	89999	WORKERS, PRECISION--NEC	3,210	3,340	130	4.0	540	09	LONG-TERM ON-THE-JOB TRAINING
688	91000	MACH SETTERS, SET-UP, OPS, TENDERS	10,870	9,250	-1,620	-14.9	1,200		
696	91300	MACH FORMING SETTERS--METAL,PLASTI	150	170	20	13.3	30		
703	91321	MACH FORMING OPS,TENDRS--MET, PLAS	150	170	20	13.3	30	10	MODERATE-TERM ON-THE-JOB TRAINING
738	92500	PRINTING, BINDING, RELATED WORKERS	1,180	1,140	-40	-3.4	170		
740	92512	OFFSET LITHOGRAPHIC PRESS SETTERS	290	250	-40	-13.8	40	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
SAN FRANCISCO COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
744	92524	SCREEN PRINT MACH SETTERS, SET-UP	200	170	-30	-15.0	30	10	MODERATE-TERM ON-THE-JOB TRAINING
748	92543	PRINTING PRESS MACHINE OPS, TENDER	420	440	20	4.8	70	10	MODERATE-TERM ON-THE-JOB TRAINING
750	92546	BINDERY MACHINE OPERATORS	270	280	10	3.7	30	10	MODERATE-TERM ON-THE-JOB TRAINING
752	92700	TEXTILE, RELATED SETTERS, OPS	7,640	6,010	-1,630	-21.3	710		
754	92705	TEXTILE OPS, TNDRS--WIND, TWIST, KNIT	450	370	-80	-17.8	50	10	MODERATE-TERM ON-THE-JOB TRAINING
758	92717	SEWING MACHINE OPERATORS--GARMENT	5,920	4,380	-1,540	-26.0	490	10	MODERATE-TERM ON-THE-JOB TRAINING
759	92721	SEWING MACHINE OPS--NON-GARMENT	440	370	-70	-15.9	40	10	MODERATE-TERM ON-THE-JOB TRAINING
761	92726	LNDRY, DRYCLEAN MACH OPS--EX PRESS	500	560	60	12.0	90	10	MODERATE-TERM ON-THE-JOB TRAINING
762	92728	PRESSING MACH OPS--TEXTILE, GARMEN	330	330	0	0.0	40	10	MODERATE-TERM ON-THE-JOB TRAINING
763	92900	MACH SETTER, SET-UP, OP--EX MET, PLAS	1,900	1,930	30	1.6	290		
766	92908	PHOTOGRAPHIC PROC MACH OPS, TNDRS	170	160	-10	-5.9	50	11	SHORT-TERM ON-THE-JOB TRAINING
778	92944	CUTTING, SLICING MACH OPS, TNDRS	120	110	-10	-8.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
785	92965	CRUSHING, MIXING MACH OPS, TNDRS	220	160	-60	-27.3	30	10	MODERATE-TERM ON-THE-JOB TRAINING
788	92974	PACKAGING, FILLING MACH OPS, TNDRS	490	530	40	8.2	90	10	MODERATE-TERM ON-THE-JOB TRAINING
789	92997	MACHINE SETTERS & SET-UP OPS, NEC	350	370	20	5.7	40	10	MODERATE-TERM ON-THE-JOB TRAINING
790	92998	MACHINE OPERATORS AND TENDERS, NEC	550	600	50	9.1	60	10	MODERATE-TERM ON-THE-JOB TRAINING
791	93000	ASSEMBLERS AND FABRICATORS--HAND	5,640	6,060	420	7.4	980		
792	93100	ASSEMBLERS, PRECISION	110	110	0	0.0	20		
799	93197	ASSEMBLERS, NEC--PRECISION	110	110	0	0.0	20	08	WORK EXPERIENCE
800	93900	OTHER HAND WORKERS	5,530	5,950	420	7.6	960		
802	93905	ELECTRICAL, ELECTRONIC ASSEMBLERS	280	310	30	10.7	40	11	SHORT-TERM ON-THE-JOB TRAINING
805	93914	WELDERS AND CUTTERS	340	350	10	2.9	60	07	POST-SECONDARY VOCATIONAL EDUCATION
806	93917	SOLDERERS AND BRAZERS	110	120	10	9.1	20	11	SHORT-TERM ON-THE-JOB TRAINING
807	93921	PRESSERS--HAND	140	90	-50	-35.7	20	11	SHORT-TERM ON-THE-JOB TRAINING
808	93923	SEWERS--HAND	220	180	-40	-18.2	30	11	SHORT-TERM ON-THE-JOB TRAINING
809	93926	CUTTERS AND TRIMMERS--HAND	270	210	-60	-22.2	40	11	SHORT-TERM ON-THE-JOB TRAINING

1999 - 2006

SAN FRANCISCO COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
819	93956	ASSEMB. FABRICATORS--EX MACH,ELECT HAND WORKERS, NEC	1,350	1,380	30	2.2	170	11	SHORT-TERM ON-THE-JOB TRAINING
820	93999		2,820	3,310	490	17.4	580	11	SHORT-TERM ON-THE-JOB TRAINING
821	95000	PLANT AND SYSTEM OCCUPATIONS WATER TREATMENT PLANT OPERATORS STATIONARY ENGINEERS PLANT AND SYSTEM OPERATORS, NEC	800	800	0	0.0	140		
822	95002		320	330	10	3.1	50	09	LONG-TERM ON-THE-JOB TRAINING
832	95032		200	190	-10	-5.0	30	09	LONG-TERM ON-THE-JOB TRAINING
833	95099		280	280	0	0.0	60	09	LONG-TERM ON-THE-JOB TRAINING
834	97000	TRANS, MATERIAL MOVING MACHINE OPS	14,680	16,140	1,460	9.9	1,820		
835	97100		10,930	12,100	1,170	10.7	1,280		
836	97102	MOTOR VEHICLE OPERATORS	1,820	2,150	330	18.1	200	11	SHORT-TERM ON-THE-JOB TRAINING
837	97105	TRUCK DRIVERS, HEAVY	4,110	4,920	510	12.4	430	11	SHORT-TERM ON-THE-JOB TRAINING
838	97108	TRUCK DRIVERS, LIGHT	2,080	2,240	160	7.7	270	10	MODERATE-TERM ON-THE-JOB TRAINING
839	97111	BUS DRIVERS--SCHOOL	550	630	80	14.5	70	11	SHORT-TERM ON-THE-JOB TRAINING
840	97114	TAXI DRIVERS AND CHAUFFEURS	860	990	130	15.1	110	11	SHORT-TERM ON-THE-JOB TRAINING
841	97117	DRIVER/SALES WORKERS	1,260	1,240	-20	-1.6	170	11	SHORT-TERM ON-THE-JOB TRAINING
842	97199	MOTOR VEHICLE OPERATORS, NEC	250	230	-20	-8.0	30	11	SHORT-TERM ON-THE-JOB TRAINING
859	97700	AIR TRANSPORTATION WORKERS	360	370	10	2.8	50		
860	97702	AIRCRAFT PILOTS, FLIGHT ENGINEERS	360	370	10	2.8	50	09	LONG-TERM ON-THE-JOB TRAINING
861	97800	MISC TRANSPORTATION WORKERS SERVICE STATION ATTENDANTS PARKING LOT ATTENDANTS TRANS AND RELATED WORKERS, NEC	1,570	1,590	120	7.6	240		
863	97805		220	210	-10	-4.5	70	11	SHORT-TERM ON-THE-JOB TRAINING
864	97808		1,030	1,120	90	8.7	130	11	SHORT-TERM ON-THE-JOB TRAINING
865	97899		320	360	40	12.5	40	10	MODERATE-TERM ON-THE-JOB TRAINING
866	97900	MATERIAL MOVEMENT EQUIP OPERATORS INDUSTRIAL TRUCK,TRACTOR OPERATORS OPERATING ENGINEERS	1,820	1,980	160	8.8	250		
882	97947		390	430	40	10.3	30	11	SHORT-TERM ON-THE-JOB TRAINING
885	97956		420	450	30	7.1	50	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
SAN FRANCISCO COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
886	97989	MATERIAL MOVING EQUIP OPS, NEC	780	860	80	10.3	130	10	MODERATE-TERM ON-THE-JOB TRAINING
887	97999	TRANS, MAT MOVING EQUIP OPS, NEC	230	240	10	4.3	40	10	MODERATE-TERM ON-THE-JOB TRAINING
888	98000	HELPERS, LABORERS, HAND--EX AG	14,540	15,140	600	4.1	3,410		
889	98100	MECHANIC AND REPAIRER HELPERS	490	520	30	6.1	160		
890	98102	HELPERS, MECHANIC & REPAIRER	490	520	30	6.1	160	11	SHORT-TERM ON-THE-JOB TRAINING
891	98300	CONST TRADES, EXTRACTIVE--HELPERS	1,080	1,210	130	12.0	380		
893	98312	HELPERS--CARPENTERS AND RELATED	500	560	60	12.0	170	11	SHORT-TERM ON-THE-JOB TRAINING
895	98314	HELPERS--PAINTERS AND RELATED	220	250	30	13.6	80	11	SHORT-TERM ON-THE-JOB TRAINING
897	98316	HELPERS--ROOFERS	130	150	20	15.4	50	11	SHORT-TERM ON-THE-JOB TRAINING
898	98319	HELPERS--CONSTRUCTION TRADES, NEC	230	250	20	8.7	80	11	SHORT-TERM ON-THE-JOB TRAINING
901	98500	MACHINE FEEDERS AND OFFBEARERS	130	130	0	0.0	30		
902	98502	MACHINE FEEDERS AND OFFBEARERS,NEC	130	130	0	0.0	30	11	SHORT-TERM ON-THE-JOB TRAINING
903	98700	FREIGHT, STOCK, MAT MOVERS, HAND	2,240	2,310	70	3.1	620		
905	98705	REFUSE & RECYCLABLE MATERIAL COLLE	190	170	-20	-10.5	50	11	SHORT-TERM ON-THE-JOB TRAINING
906	98799	FREIGHT, MATERIAL MOVERS-HAND, NEC	2,050	2,140	90	4.4	570	11	SHORT-TERM ON-THE-JOB TRAINING
907	98900	MISC HELPERS, LABORERS--HAND	10,600	10,970	370	3.5	2,220		
908	98902	HAND PACKERS AND PACKAGERS	2,110	2,420	310	14.7	390	11	SHORT-TERM ON-THE-JOB TRAINING
909	98905	VEHICLE WASHERS, EQUIP CLEANERS	750	780	30	4.0	170	11	SHORT-TERM ON-THE-JOB TRAINING
910	98999	MISC HELPERS, LABORERS--HAND, NEC	7,740	7,770	30	0.4	1,660	11	SHORT-TERM ON-THE-JOB TRAINING
911		OCCUPATIONS NOT CLASSIFIED	140	130	-10	-7.1	0	12	NOT CLASSIFIED

(1) Employment and projections contained in these tables are considered estimates. See introduction for an explanation of data limitations.
(2) March 2000 Benchmark

Occupations With The Most Openings (1) (Growth plus Separations)

1999 - 2006

SAN FRANCISCO COUNTY

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
49011	SALESPERSONS, RETAIL	7,470	11	SHORT-TERM ON-THE-JOB TRAINING
65008	WAITERS AND WAITRESSES	4,990	11	SHORT-TERM ON-THE-JOB TRAINING
49023	CASHIERS	4,390	11	SHORT-TERM ON-THE-JOB TRAINING
55347	GENERAL OFFICE CLERKS	3,820	11	SHORT-TERM ON-THE-JOB TRAINING
19005	GENERAL MANAGERS, TOP EXECUTIVE	3,370	04	WORK EXP, PLUS A BACHELOR'S OR HIGHER
65041	COMBINED FOOD PREP AND SERVICE	3,040	11	SHORT-TERM ON-THE-JOB TRAINING
67005	JANITORS, CLEANERS--EXCEPT MAID	2,460	11	SHORT-TERM ON-THE-JOB TRAINING
65038	FOOD PREPARATION WORKERS	2,280	11	SHORT-TERM ON-THE-JOB TRAINING
51002	FIRST-LINE SUP/MGR, CLERK, ADM	2,230	08	WORK EXPERIENCE
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSING	1,850	05	BACHELOR'S DEGREE
63047	GUARDS AND WATCH GUARDS	1,750	11	SHORT-TERM ON-THE-JOB TRAINING
55305	RECEPTIONISTS, INFORMATION CLERKS	1,710	11	SHORT-TERM ON-THE-JOB TRAINING
25104	COMPUTER SUPPORT SPECIALISTS	1,640	05	BACHELOR'S DEGREE
41002	FIRST-LINE SUP/MGR--SALES	1,630	08	WORK EXPERIENCE
53102	TELLERS	1,430	11	SHORT-TERM ON-THE-JOB TRAINING
65026	COOKS--RESTAURANT	1,430	09	LONG-TERM ON-THE-JOB TRAINING
22127	COMPUTER ENGINEERS	1,420	05	BACHELOR'S DEGREE
32502	REGISTERED NURSES	1,220	06	ASSOCIATE DEGREE
31305	TEACHERS--ELEMENTARY SCHOOL	1,210	05	BACHELOR'S DEGREE
28108	LAWYERS	1,160	01	FIRST PROFESSIONAL DEGREE
67002	MAIDS AND HOUSEKEEPING CLEANERS	1,120	11	SHORT-TERM ON-THE-JOB TRAINING
65017	COUNTER ATTENDANTS--FOOD	1,100	11	SHORT-TERM ON-THE-JOB TRAINING
13011	MKTNG, ADV, PUB-REL MANAGERS	950	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
97105	TRUCK DRIVERS, LIGHT	940	11	SHORT-TERM ON-THE-JOB TRAINING
49026	TELEMARKETERS, SOLICITORS & RELATED	930	11	SHORT-TERM ON-THE-JOB TRAINING

Table 7
Occupations With The Most Openings (1)
(Growth plus Separations)
1999 - 2006
SAN FRANCISCO COUNTY

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	930	11	SHORT-TERM ON-THE-JOB TRAINING
85132	MAINT REPAIRERS, GENL UTILITY	930	09	LONG-TERM ON-THE-JOB TRAINING
55108	SECRETARIES, GENERAL	880	07	POST-SECONDARY VOCATIONAL EDUCATION
49017	COUNTER AND RENTAL CLERKS	870	11	SHORT-TERM ON-THE-JOB TRAINING
25105	COMPUTER PROGRAMMERS	860	05	BACHELOR'S DEGREE
87102	CARPENTERS	850	09	LONG-TERM ON-THE-JOB TRAINING
55338	BOOKKEEPING, ACCOUNTING CLERKS	840	10	MODERATE-TERM ON-THE-JOB TRAINING
13002	FINANCIAL MANAGERS	830	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
21114	ACCOUNTANTS AND AUDITORS	830	05	BACHELOR'S DEGREE
49021	STOCK CLERKS--SALES FLOOR	810	11	SHORT-TERM ON-THE-JOB TRAINING
28305	PARALEGAL PERSONNEL	710	06	ASSOCIATE DEGREE
31308	TEACHERS--SECONDARY SCHOOL	700	05	BACHELOR'S DEGREE
98902	HAND PACKERS AND PACKAGERS	700	11	SHORT-TERM ON-THE-JOB TRAINING
65005	BARTENDERS	680	11	SHORT-TERM ON-THE-JOB TRAINING
43017	SALES AGENTS--SEL BUS SERVICES	660	10	MODERATE-TERM ON-THE-JOB TRAINING
13017	ENGINEER, MATH, AND NAT SCI MGR	640	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
63014	POLICE PATROL OFFICERS	630	09	LONG-TERM ON-THE-JOB TRAINING
63017	CORRECTION OFFICERS, JAILERS	620	09	LONG-TERM ON-THE-JOB TRAINING
27308	HUMAN SERVICES WORKERS	610	10	MODERATE-TERM ON-THE-JOB TRAINING
65014	DINING RM ATTENDANTS, BAR HELPERS	610	11	SHORT-TERM ON-THE-JOB TRAINING
31521	TEACHER AIDES, PARAPROFESSIONAL	550	06	ASSOCIATE DEGREE
57305	POSTAL MAIL CARRIERS	540	11	SHORT-TERM ON-THE-JOB TRAINING
13014	ADMINISTRATIVE SERVICES MANAGER	530	04	WORK EXP., PLUS A BACHELOR'S OR HIGHER
55321	FILE CLERKS	530	11	SHORT-TERM ON-THE-JOB TRAINING
97102	TRUCK DRIVERS, HEAVY	530	11	SHORT-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		73,410		

(1) Excludes not elsewhere classified (NEC) categories

Occupations With Projected Declines (1)
1999 - 2006
SAN FRANCISCO COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF JOB DECLINES	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1999(2)	2006				
92717	SEWING MACHINE OPERATORS--GARMENTS	5,920	4,380	-1,540	490	10	MODERATE-TERM ON-THE-JOB TRAINING
55108	SECRETARIES, GENERAL	13,560	12,950	-610	1,490	07	POST-SECONDARY VOCATIONAL EDUCATION
55307	TYPISTS, INCLUDING WORD PROCESSING	2,650	2,080	-570	320	10	MODERATE-TERM ON-THE-JOB TRAINING
55338	BOOKKEEPING, ACCOUNTING CLERKS	10,990	10,440	-550	1,390	10	MODERATE-TERM ON-THE-JOB TRAINING
56011	COMPUTER OPS--EX PERIPHERAL EQUIPMENT	1,320	1,020	-300	110	10	MODERATE-TERM ON-THE-JOB TRAINING
53102	TELLERS	5,390	5,200	-190	1,620	11	SHORT-TERM ON-THE-JOB TRAINING
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	3,890	3,730	-160	650	10	MODERATE-TERM ON-THE-JOB TRAINING
25105	COMPUTER PROGRAMMERS	4,690	4,550	-140	1,000	05	BACHELOR'S DEGREE
58028	TRAFFIC, SHIPPING, RECEIVING CLERKS	4,910	4,770	-140	560	11	SHORT-TERM ON-THE-JOB TRAINING
65014	DINING RM ATTENDANTS, BAR HELPERS	3,270	3,150	-120	730	11	SHORT-TERM ON-THE-JOB TRAINING
65005	BARTENDERS	2,670	2,570	-100	780	11	SHORT-TERM ON-THE-JOB TRAINING
57102	SWITCHBOARD OPERATORS	1,000	910	-90	150	11	SHORT-TERM ON-THE-JOB TRAINING
56017	DATA ENTRY KEYERS--EX COMPOSING	2,040	1,950	-90	100	07	POST-SECONDARY VOCATIONAL EDUCATION
92705	TEXTILE OPS,TNDRS--WIND,TWIST,KNIT	450	370	-80	50	10	MODERATE-TERM ON-THE-JOB TRAINING
55323	ORDER CLERKS--MATERIALS, SERVICES	1,540	1,470	-70	250	11	SHORT-TERM ON-THE-JOB TRAINING
55105	SECRETARIES, MEDICAL	1,260	1,190	-70	140	07	POST-SECONDARY VOCATIONAL EDUCATION
92721	SEWING MACHINE OPS--NON-GARMENT	440	370	-70	40	10	MODERATE-TERM ON-THE-JOB TRAINING
55102	SECRETARIES, LEGAL	3,960	3,900	-60	440	07	POST-SECONDARY VOCATIONAL EDUCATION
81008	FIRST-LINE SUP/MGR-PRODUCTION	810	750	-60	150	08	WORK EXPERIENCE
53128	BROKERAGE CLERKS	1,370	1,310	-60	120	11	SHORT-TERM ON-THE-JOB TRAINING
53911	PROOFREADERS AND COPY MARKERS	330	270	-60	70	11	SHORT-TERM ON-THE-JOB TRAINING
93926	CUTTERS AND TRIMMERS--HAND	270	210	-60	40	11	SHORT-TERM ON-THE-JOB TRAINING
92965	CRUSHING, MIXING MACH OPS, TENDERS	220	160	-60	30	10	MODERATE-TERM ON-THE-JOB TRAINING
57105	DIRECTORY ASSISTANCE OPERATORS	180	120	-60	20	10	MODERATE-TERM ON-THE-JOB TRAINING
25302	OPS, SYS RESEARCHERS--EX COMPUTER	650	600	-50	140	03	MASTER'S DEGREE

Table 8
Occupations With Projected Declines (1)
1999 - 2006
SAN FRANCISCO COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF JOB DECLINES	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1999(2)	2006				
85726	STATION INSTALLERS--TELEPHONE	180	130	-50	30	07	POST-SECONDARY VOCATIONAL EDUCATION
55341	PAYROLL AND TIMEKEEPING CLERKS	680	640	-40	90	11	SHORT-TERM ON-THE-JOB TRAINING
58008	PROD, PLANNING, EXPEDITING CLERKS	910	870	-40	70	11	SHORT-TERM ON-THE-JOB TRAINING
92512	OFFSET LITHOGRAPHIC PRESS SETTERS	290	250	-40	40	10	MODERATE-TERM ON-THE-JOB TRAINING
93923	SEWERS--HAND	220	180	-40	30	11	SHORT-TERM ON-THE-JOB TRAINING
56014	PERIPHERAL EDP EQUIPMENT OPERATORS	140	100	-40	10	10	MODERATE-TERM ON-THE-JOB TRAINING
32505	LICENSED PRACTICAL NURSES	1,420	1,390	-30	210	07	POST-SECONDARY VOCATIONAL EDUCATION
21102	INSURANCE UNDERWRITERS	700	670	-30	130	05	BACHELOR'S DEGREE
34023	PHOTOGRAPHERS	770	740	-30	80	10	MODERATE-TERM ON-THE-JOB TRAINING
56002	BILLING, POSTING, CALC MACHINE	490	460	-30	70	11	SHORT-TERM ON-THE-JOB TRAINING
53502	WELFARE ELIG WORKERS, INTERVIEW	330	300	-30	50	10	MODERATE-TERM ON-THE-JOB TRAINING
55302	STENOGRAPHERS AND/OR COURT REPORTERS	330	300	-30	40	07	POST-SECONDARY VOCATIONAL EDUCATION
15014	INDUSTRIAL PRODUCTION MANAGERS	270	240	-30	30	05	BACHELOR'S DEGREE
92524	SCREEN PRINT MACH SETTERS, SET-UP	200	170	-30	30	10	MODERATE-TERM ON-THE-JOB TRAINING
63008	FIRE FIGHTERS	1,060	1,040	-20	180	09	LONG-TERM ON-THE-JOB TRAINING
97117	DRIVER/SALES WORKERS	1,260	1,240	-20	170	11	SHORT-TERM ON-THE-JOB TRAINING
55314	PERS CLERKS--EX PAYROLL	1,060	1,040	-20	140	11	SHORT-TERM ON-THE-JOB TRAINING
83005	PROD INSPECTORS, TESTERS, & GRADERS	720	700	-20	110	08	WORK EXPERIENCE
65023	BUTCHERS AND MEAT CUTTERS	470	450	-20	80	09	LONG-TERM ON-THE-JOB TRAINING
98705	REFUSE & RECYCLABLE MATERIAL COLLECTORS	190	170	-20	50	11	SHORT-TERM ON-THE-JOB TRAINING
28302	LAW CLERKS	390	370	-20	30	06	ASSOCIATE DEGREE
25312	STATISTICIANS	170	150	-20	20	05	BACHELOR'S DEGREE
53117	CREDIT CHECKERS	220	200	-20	10	11	SHORT-TERM ON-THE-JOB TRAINING
55326	PROCUREMENT CLERKS	120	100	-20	10	11	SHORT-TERM ON-THE-JOB TRAINING
57302	MAIL CLKS-EX MAIL MACH OPS, POSTAL	710	700	-10	120	11	SHORT-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		87,080	81,020	-6,060	12,710		

(1) Excludes not elsewhere classified (NEC) categories.

(2) March 2000 Benchmark

Appendix

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
BLE SEAMEN	854	97514
ACCOUNTANTS AND AUDITORS	30	21114
ACCOUNTANTS, AUDIT, FINANCE SPECIALISTS	25	21100
ACTUARIES	114	25313
ADJUDICATORS, JUDICIAL REVIEWERS	137	28105
ADJUSTMENT CLERKS	309	53123
ADMINISTRATIVE SERVICES MANAGERS	7	13014
ADVERTISING CLERKS	333	53908
ASTRONAUT, ASTRONAUTICAL ENGINEERS	53	22102
AGRICULTURE, FORESTRY, FISHING--NEC	489	79999
AGRICULTURAL SCIENCES TEACHERS, POSTSECONDARY	150	31201
AGRICULTURAL AND FOOD SCIENTISTS	91	24305
AGRICULTURAL ENGINEERS	60	22123
AGRICULTURAL, FORESTRY, FISHING	466	70000
AIR DISPATCHERS, AIR TRAFFIC CONTROLLER	267	39002
AIR HAMMER OPERATORS	596	87702
AIR TRANSPORTATION WORKERS	857	97700
AIRCRAFT ASSEMBLERS--PRECISION	791	93102
AIRCRAFT ENGINE SPECIALISTS	525	85326
AIRCRAFT MECHANICS	524	85323
AIRCRAFT PILOTS, FLIGHT ENGINEERS	858	97702
AMBULANCE DRIVERS & ATTENDANTS, EX EMER MED TECHS	440	66023
AMUSEMENT, RECREATION ATTENDANTS	454	68014
ANIMAL BREEDERS	479	79015
ANIMAL CARETAKERS--EXCEPT FARM	481	79017
ANIMAL TRAINERS	480	79016
ANCHOUNCERS--EX RADIO, TELEVISION	252	34021
ANCHOUNCERS--RADIO AND TELEVISION	251	34017
ANTHRO & SOCIOLOGY TEACHERS, POSTSECONDARY	166	31231
APPRAISERS--REAL ESTATE	279	43011
ARCHITECTS AND SURVEYORS	68	22300
ARCHITECTS--EX LANDSCAPE, MARINE	69	22302
ARCHITECTURE TEACHERS, POSTSECONDARY	162	31223
AREA, ETHNIC, & CULT STUDIES TEACHERS, POSTSECONDARY	167	31232
ART, DRAMA, MUSIC TEACHERS, POSTSECONDARY	160	31218
ARTISTS AND RELATED WORKERS	257	34035
ASSEMB, FABRICATORS--EX MACH, ELECT, PRECISION	817	93956
ASSEMBLERS AND FABRICATORS--HAND WORKING	789	93000
ASSEMBLERS, NEC--PRECISION	797	93197
ASSEMBLERS, PRECISION	790	93100
ASSESSORS	48	21917
ATHLETES, COACHES, UMPIRERS, RELATED	265	34058
ATMOSPHERIC AND SPACE SCIENTISTS	86	24108
AUDIO-VISUAL SPECIALISTS	198	31508
AUTOMOTIVE BODY, RELATED REPAIRERS	518	85305
AUTOMOTIVE MECHANICS	517	85302
AUXILIARY EQUIPMENT OPERATORS--POWER	827	95023
BAGGAGE PORTERS AND BELLHOPS	457	68023
BALIFFS	406	63023
BAKERS--BREAD AND PASTRY	423	65021

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
BAKERS--MANUFACTURING	672	89805
BANKING, SECURITY, FINANCE, CREDIT	301	53100
BARBERS	450	68002
BARTENDERS	418	65005
BICYCLE REPAIRERS	563	85951
BILL AND ACCOUNT COLLECTORS	321	53508
BILLING, COST, AND RATE CLERKS	355	55344
BILLING, POSTING, CALCULATING MACHINE OPERATORS	358	56002
BINDERY MACH SETTERS, SET-UP OPERATORS	743	92525
BINDERY MACHINE OPERATORS	748	92546
BIOLOGICAL SCIENTISTS	92	24308
BIOLOGICAL, AGRICULTURAL &, FOOD TECHS EX HEALTH	96	24502
BLASTERS AND EXPLOSIVES WORKERS	612	87905
BOILER OPS, TENDERS--LOW PRESSURE	770	92926
BOILERMAKERS	638	89135
BOOKBINDERS	668	89721
BOOKKEEPING, ACCOUNTING CLERKS	353	55338
BRATTICE BUILDERS	574	87121
BRICK MASONS	578	87302
BRIDGE, LOCK, LIGHTHOUSE TENDERS	860	97802
BROADCAST NEWS ANALYSTS	250	34014
BROADCAST TECHNICIANS	255	34028
BROKERAGE CLERKS	311	53128
BROKERS--REAL ESTATE	277	43005
BUDGET ANALYSTS	31	21117
BUS AND TRUCK MECHANICS	520	85311
BUS DRIVERS	836	97108
BUS DRIVERS--SCHOOL	837	97111
BUSINESS TEACHERS, POSTSECONDARY	174	31242
BUTCHERS AND MEAT CUTTERS	424	65023
CABINETMAKERS AND BENCH CARPENTERS	644	89311
CAMERA OPERATORS	663	89713
CAMERA OPS--TV AND MOTION PICTURE	254	34026
CAMERA, PHOTOGRAPHIC EQUIPMENT REPAIRERS	552	85914
CANNERY WORKERS	810	93935
CAPTAINS--WATER VESSEL	850	97502
CARDIOLOGY TECHNOLOGISTS	239	32925
CARPENTERS	569	87102
CARPENTERS AND RELATED WORKERS	568	87100
CARPET CUTTERS, DIAGRAMMERS, SEAMERS	809	93932
CARPET INSTALLERS	592	87602
CARPET, FLOOR INSTALLERS	591	87600
CASHIERS	293	49023
CEILING TILE INSTALLERS	570	87105
CEMENTING, GLUING MACHINE OPERATORS, TENDERS	780	92956
CENTRAL OFFICE AND PBX INSTALLERS	529	85502
CENTRAL OFFICE OPERATORS	370	57108
CHEMICAL TECHNICIANS & TECHNOLOGISTS--EX HEALTH	97	24505
CHEMICAL ENGINEERS	57	22114
CHEMICAL EQUIPMENT CONTROLLERS, OPERATORS	773	92935

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
CHEMICAL EQUIPMENT TENDERS	774	92938
CHEMICAL PLANT, SYSTEM OPERATORS	822	95008
CHEMISTRY TEACHERS, POSTSECONDARY	152	31204
CHEMISTS, EXCEPT BIOCHEMISTS	85	24105
CHILD CARE WORKERS	462	68038
CHIROPRACTORS	209	32113
CHOKE SETTERS	471	73005
CIVIL ENGINEERING TECHNICIANS	74	22502
CIVIL ENGINEERS--INCLUDING TRAFFIC	59	22121
CLAIMS EXAMINERS--INSURANCE	49	21921
CLAIMS TAKERS--UNEMPLOYMENT BENEFITS	38	21502
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES	443	67000
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES, NEC	448	67099
CLEANING, PICKLING EQUIPMENT OPERATORS, TENDERS	781	92958
CLERGY	131	27502
CLERICAL & ADMINISTRATIVE SUPPORT WORKERS, NEC	391	59999
CLERICAL, ADMINISTRATIVE SUPPORT, NEC	390	59000
CLERICAL, ADMINISTRATIVE SUPPORT	298	50000
COIL WINDERS, TAPERS, FINISHERS	801	93908
COIN, VENDING MACHINE SERVICERS	562	85947
COMB MACHINE TOOL OPERATORS--METAL, PLASTIC	705	91508
COMB MACHINE TOOL SETTERS--METAL, PLASTIC	704	91505
COMBINED FOOD PREPARATION AND SERVICE	430	65041
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIRERS	528	85500
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIR, NEC	534	85599
COMM, TRANSPORTATION, UTILITIES OPERATIONS MGRS	16	15023
COMMUNICATION EQUIPMENT OPERATORS, NEC	372	57199
COMMUNICATION EQUIPMENT OPERATORS	367	57100
COMMUNICATIONS TEACHERS, POSTSECONDARY	157	31213
COMMUNICATIONS, MAIL DISTRIBUTION	366	57000
COMPLIANCE OFFICERS, ENFORCE INSPECT--EX CONSTRUCTION	46	21911
COMPUTER ENGINEERS	62	22127
COMPUTER OPERATORS--EX PERIPHERAL EQUIPMENT	361	56011
COMPUTER PROGRAMMER AIDES	107	25108
COMPUTER PROGRAMMERS	106	25105
COMPUTER SCIENCE TEACHERS, POSTSECONDARY	164	31226
COMPUTER SCIENTISTS AND RELATED	102	25100
COMPUTER SCIENTISTS, RELATED WORKERS, NEC	109	25199
COMPUTER SUPPORT SPECIALISTS	105	25104
COMPUTER, MATHEMATICAL, OPS RESEARCH, & RELATED	101	25000
CONCRETE AND TERRAZZO FINISHERS	581	87311
CONSTRUCTION AND BUILDING INSPECTORS	45	21908
CONSTRUCTION TRADES, EXTRACTIVE--HELPERS	889	98300
CONSTRUCTION, EXTRACTIVE--EX HELPERS, NEC	624	87999
CONSTRUCTION MANAGERS	14	15017
CONSTRUCTION TRADES	567	87000
CONSTRUCTION TRADES WORKERS, NEC	609	87899
CONSTRUCTION TRADES, NEC	601	87800
CONTINUOUS MINING MACHINE OPERATOR	620	87941
CONVEYOR OPERATORS AND TENDERS	881	97951

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
COOKING MACHINE OPS,TENDERS-FOOD,TOBACCO	767	92917
COOKS--INSTITUTION OR CAFETERIA	426	65028
COOKS--RESTAURANT	425	65026
COOKS--SHORT ORDER	428	65035
COOKS--SPECIALTY FAST FOOD	427	65032
COOLING, FREEZING EQUIPMENT OPERATORS, TENDERS	771	92928
CORRECTION OFFICERS, JAILERS	404	63017
CORRECTIVE, MANUAL ARTS THERAPISTS	216	32311
CORRESPONDENCE CLERKS	346	55317
COST ESTIMATORS	43	21902
COUNTER AND RENTAL CLERKS	291	49017
COUNTER ATTENDANTS--FOOD	422	65017
COURT CLERKS	323	53702
CRANE AND TOWER OPERATORS	879	97944
CREDIT ANALYSTS	27	21105
CREDIT AUTHORIZERS	306	53114
CREDIT CHECKERS	307	53117
CRIMINAL INVESTIGATORS, FEDERAL	408	63028
CRIMINAL JUSTICE & LAW ENFORCEMENT TEACHERS,	176	31246
CROSSING GUARDS	413	63044
CRUSHING, MIXING MACHINE OPERATORS, TENDERS	783	92965
CURATORS, ARCHIVISTS, AND RELATED	199	31511
CUSTOM TAILORS AND SEWERS	649	89505
CUSTOMER SERVICE REPRESENTATIVES--UTILITIES	352	55335
CUTTING, FORMING, FABRICATING, PROCESS MACH SETTER	728	92197
CUTTING, FORMING, FABRICATING, PROCESS MACH OPS	729	92198
CUTTING & SLICING MACHINE SETTERS & SET-UP OPS	775	92941
CUTTERS AND TRIMMERS--HAND	807	93926
CUTTING & SLICING MACHINE OPERATORS & TENDERS	776	92944
DAIRY PROCESSING EQUIPMENT OPERATORS--INC SETTERS	772	92932
DANCERS AND CHOREOGRAPHERS	263	34053
DATA BASE ADMINISTRATORS	104	25103
DATA ENTRY KEYERS--EX COMPOSING	363	56017
DATA KEYERS--COMPOSING	364	56021
DATA PROCESSING EQUIPMENT REPAIRERS	537	85705
DEMONSTRATORS AND PROMOTERS	295	49034
DENTAL ASSISTANTS	433	66002
DENTAL HYGIENISTS	233	32908
DENTAL LABORATORY TECHNICIANS, PRECISION	682	89921
DENTISTS	206	32105
DERRICK OPERATORS--OIL, GAS EXTRACTION	615	87914
DESIGNERS, EX INTERIOR DESIGNERS	258	34038
DETAIL DESIGN DECORATORS, PAINTERS	679	89911
DETECTIVES, INVESTIGATORS--EX PUBLIC	410	63035
DIETETIC TECHNICIANS	229	32523
DIETITIANS AND NUTRITIONISTS	228	32521
DINING ROOM ATTENDANTS, BAR HELPERS	421	65014
DIRECTORS--RELIGIOUS ACTIVITIES, EDUC	132	27505
DIRECTORY ASSISTANCE OPERATORS	369	57105
DISPATCH--EX POLICE, FIRE, AMBULANCE	380	58005

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
DISPATCH--POLICE, FIRE, AMBULANCE	379	58002
RAFTERS	78	22514
RAGLINE OPERATORS	873	97926
REDGE OPERATORS, DIPPER TENDERS	874	97928
RILLING MACHINE SETTER--METAL, PLASTIC	690	91108
RIVER/SALES WORKERS	839	97117
RYWALL INSTALLERS	571	87108
UPLICATING MACHINE OPERATORS	359	56005
YERS, PRECISION	654	89521
ARTH DRILLERS, EXCEPT OIL AND GAS	611	87902
CONOMICS TEACHERS, POSTSECONDARY	168	31233
CONOMISTS--INCL MARKET RESEARCH ANALYST	120	27102
OP AND OFFICE MACHINE OCCUPATIONS	357	56000
UCATION ADMINISTRATORS	10	15005
UCATION TEACHERS, POSTSECONDARY	178	31252
ELECTRICAL INSTALLERS--TRANSPORTATION EQUIPMENT	545	85728
ELECTRICAL AND ELECTRONIC ENGINEERS	61	22126
ELECTRICAL EQUIPMENT MECHANICS, NEC	546	85799
ELECTRIC HOME APPLIANCE & POWER TOOL REPAIRERS	539	85711
ELECTRONIC HOME ENTERTAINMENT EQUIP REPAIRERS	538	85708
ELECTRIC METER INSTALLERS, REPAIRERS	551	85911
ELECTRIC MOTOR, AND RELATED REPAIRERS	540	85714
ELECTRICAL POWERLINE INSTALLERS	543	85723
ELECTRONICS REPAIRERS--COMMERCIAL & INDUSTRIAL	541	85717
ELECTRICAL & ELECTRONIC ENGINEERING TECHS & TECHNOS	75	22505
ELECTRICAL EQUIPMENT ASSEMBLERS--PRECISION	795	93114
ELECTRICAL, ELECTRONIC ASSEMBLERS	800	93905
ELECTRICIANS	576	87202
ELECTRICIANS AND RELATED WORKERS	575	87200
ELECTROCARDIOGRAPH TECHNICIANS	240	32926
ELECTROLYTIC PLATING, MACHINE OPERATORS	719	91921
ELECTROLYTIC PLATING, MACHINE SETTER	718	91917
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS--PRECISION	794	93111
ELECTROMEDICAL, BIOMEDICAL EQUIPMENT REPAIRER	550	85908
ELECTRONEURODIAGNOSTIC TECHNOLOGISTS	238	32923
ELECTRONIC PAGINATION SYSTEM WORKERS	660	89707
ELECTRONIC SEMICONDUCTOR PROCESSOR	762	92902
ELEVATOR INSTALLERS AND REPAIRERS	558	85932
ELEVATOR OPERATORS	447	67011
E BALMERS	271	39014
EMERGENCY MEDICAL TECHNICIANS	223	32508
EMPLOYMENT INTERVIEWERS--PRIVATE OR PUBLIC	40	21508
ENGINEER, MATH, AND NATURAL SCIENCE MANAGERS	8	13017
ENGINEERING TEACHERS, POSTSECONDARY	161	31222
ENGINEERING, RELATED TECHNICIANS	73	22500
ENGINEERING, RELATED TECHS & TECHNOS, NEC	81	22599
ENGINEERS	52	22100
ENGINEERS, ARCHITECTS, SURVEYORS	51	22000
ENGINEERS, NEC	67	22199
ENGLISH LANG & LIT TEACHERS, POSTSECONDARY	158	31214

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
ENGRAVING, PRINTING WORKERS--HAND	815	93951
ESTIMATORS, DRAFTERS--UTILITIES	79	22517
ETCHERS, ENGRAVERS--PRECISION	636	89128
EXCAVATING, LOADING MACHINE OPERATORS	872	97923
EXTRACTIVE AND RELATED WORKERS	610	87900
EXTRACTIVE WORKERS--EX HELPERS, NEC	623	87989
EXTRUDING MACHINE OPS, TENDERS--SYNTHETIC/GLASS	753	92708
EXTRUDING MACHINE SETTERS--METAL, PLASTIC	698	91311
EXTRUDING, FORMING MACHINE OPERATORS, TENDERS	785	92971
EXTRUDING, FORMING, SETTERS & SET-UP OPERATORS	784	92968
FALLERS AND BUCKERS	470	73002
FARM AND HOME MANAGEMENT ADVISORS	193	31323
FARM EQUIPMENT MECHANICS	523	85321
FARM EQUIPMENT OPERATORS	482	79021
FARMWORKERS-FARM/RANCH ANIMALS	488	79858
FARMWORKERS-FOOD, FIBER CROPS	487	79856
FENCE ERECTORS	608	87817
FILE CLERKS	347	55321
FILM EDITORS	256	34032
FINANCIAL ANALYSTS, STATISTICAL	115	25315
FINANCIAL MANAGERS	3	13002
FINANCIAL SPECIALISTS, NEC	32	21199
FIRE FIGHTERS	401	63008
FIRE FIGHTING & PREVENTION SUPERVISORS	394	61002
FIRE INSPECTORS	399	63002
FIRST-LINE SUP/MGR SERVICE WORKERS, NEC	397	61099
FIRST-LINE SUP/MGR, CLERICAL, ADMINISTRATIVE SUPPORT	299	51000
FIRST-LINE SUP/MGR--AGRICULTURAL, FORESTRY, FISHING	467	72000
FIRST-LINE SUP/MGR-BLUE COLLAR	491	81000
FIRST-LINE SUP/MGR-BLUE COLLAR NEC	497	81099
FIRST-LINE SUP/MGR-CONSTRUCTION	493	81005
FIRST-LINE SUP/MGR-HELP, LABORERS	496	81017
FIRST-LINE SUP/MGR-MECHANICS, INSTALLERS, REPAIRERS	492	81002
FIRST-LINE SUP/MGR-PRODUCTION	494	81008
FIRST-LINE SUP/MGR--SALES	274	41000
FIRST-LINE SUP/MGR--SERVICE	393	61000
FIRST-LINE SUP/MGR-TRANSPORTATION	495	81011
FIRST-LINE SUPERVISORS - AGRICULTURE	468	72002
FISH AND GAME WARDENS	412	63041
FITTERS, STRUCTURAL METAL--PRECISION	793	93108
FLIGHT ATTENDANTS	458	68026
FLOOR LAYERS--EX CARPET, WOOD, TILES	593	87605
FLOOR SANDING MACHINE OPERATORS	594	87608
FOOD AND TOBACCO WORKERS, NEC	674	89899
FOOD BATCHMAKERS	673	89808
FOOD PREPARATION WORKERS	429	65038
FOOD SERVERS--OUTSIDE	420	65011
FOOD SERVICE AND LODGING MANAGERS	17	15026
FOOD SERVICE WORKERS, NEC	431	65099
FOOD WORKERS, PRECISION	670	89800

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
FOOD, BEVERAGE PREPARATION AND SERVICE OCCS	416	65000
FOREIGN LANG & LITERATURE TEACHERS, POSTSECONDARY	159	31215
FOREST FIRE INSPECTORS, PREVENT SPECIALISTS	400	63005
FOREST, CONSERVATION WORKERS	476	79002
FORESTERS, CONSERVATION SCIENTISTS	90	24302
FORGING MACHINE SETTERS--METAL, PLASTIC	700	91317
FOUNDRY MOLD ASSEMBLY, SHAKEOUT	717	91914
FOUNDRY MOLD,CORE MAKERS,PRECISION	676	89902
FRAME WIRERS, CENTRAL OFFICE	530	85505
FREIGHT, MATERIAL MOVERS-HAND, NEC	904	98799
FREIGHT, STOCK, MATERIAL MOVERS, HAND	901	98700
FUNERAL ATTENDANTS	463	68041
FUNERAL DIRECTORS AND MORTICIANS	270	39011
FURNACE OPERATORS AND TENDERS	724	91935
FURNACE, KILN, KETTLE OPERATORS, TENDERS	769	92923
FURNITURE FINISHERS	645	89314
GAS APPLIANCE REPAIRERS	561	85944
GAS COMPRESSOR OPERATORS	871	97921
GAS PLANT OPERATORS	821	95005
GAS PUMPING STATION OPERATORS	870	97917
GAUGERS	825	95017
GEM AND DIAMOND WORKERS	684	89926
GENERAL MANAGERS, TOP EXECUTIVES	21	19005
GENERAL OFFICE CLERKS	356	55347
GEOGRAPHY TEACHERS, POSTSECONDARY	169	31234
GEOLOGIST, GEOPHYSICISTS, OCEANOGRAPHERS	87	24111
GLAZIERS	606	87811
GLAZIERS, MANUFACTURING	802	93911
GRADER, DOZER, SCRAPER OPERATORS	877	97938
GRADERS, SORTERS--AGRICULTURAL PRODUCTS	478	79011
GRADUATE ASSISTANTS, TEACHING	149	31117
GRINDING MACHINE SETTER--METAL,PLASTIC	692	91114
GRINDING, POLISHING WORKERS--HAND	816	93953
GUARDS AND WATCH GUARDS	414	63047
GUIDES	455	68017
HAIRDRESSERS, HAIRSTYLISTS	451	68005
HAND COMPOSITORS AND TYPESETTERS	657	89702
HAND PACKERS AND PACKAGERS	906	98902
HAND WORKERS, NEC	818	93999
HAND WORKERS--JEWELRY, PRECISION	635	89126
HARD TILE SETTERS	580	87308
HAZARDOUS MATERIALS REMOVAL WORKERS	603	87803
HEAD SAWYERS	732	92305
HEALTH ASSESSMENT & TREATMENT TEACHERS, POSTSEC	156	31212
HEALTH CARE MAINTENANCE, TREATING	220	32500
HEALTH CARE PROFESSIONALS, PARAPROFS, NEC	244	32999
HEALTH DIAGNOSING, TREATING	204	32100
HEALTH DIAGNOSING, TREATING, NEC	211	32199
HEALTH DIAGNOSTICS TEACHERS, POSTSECONDARY	155	31211
HEALTH PRACTITIONERS, TECHS, RELATED	203	32000

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
HEALTH SERVICE WORKERS, NEC	442	66099
HEALTH SERVICE, RELATED OCCS	432	66000
HEAT TREATING MACHINE OPS, TENDERS	723	91932
HEATERS, METAL & PLASTIC	725	91938
HEATING EQUIP SETTERS-METAL, PLASTIC	722	91928
HEATING, AC, REFRIGERATION MECHANICS	548	85902
HELPERS, LABORERS, HAND--EX AGRICULTURE & FORESTRY	886	98000
HELPERS--BRICK,STONE MASONS	890	98311
HELPERS--CARPENTERS AND RELATED	891	98312
HELPERS--CONSTRUCTION TRADES, NEC	896	98319
HELPERS--CONST TRADES & EXTRACT WORKERS	898	98399
HELPERS--ELECTRICIANS, POWERLINE INSTALLERS	892	98313
HELPERS--EXTRACTIVE WORKERS	897	98323
HELPERS--PAINTERS AND RELATED	893	98314
HELPERS--PLUMBERS AND RELATED	894	98315
HELPERS--ROOFERS	895	98316
HIGHWAY MAINTENANCE WORKERS	599	87711
HISTORY TEACHERS, POSTSECONDARY	170	31235
HOIST AND WINCH OPERATORS	878	97941
HOME ECONOMICS TEACHERS, POSTSECONDARY	182	31262
HOME HEALTH CARE WORKERS	436	66011
HOSTS, HOSTESSES--RESTAURANTS	417	65002
HOTEL DESK CLERKS	329	53808
HOUSEKEEPING SUPERVISORS	396	61008
HUMAN SERVICES WORKERS	128	27308
INDUSTRIAL ENGINEERING TECHS & TECHNOS	76	22508
INDUST ENGINEERS--EXCEPT SAFETY	63	22128
INDUSTRIAL PRODUCTION MANAGERS	13	15014
INDUSTRIAL TRUCK,TRACTOR OPERATORS	880	97947
INDUSTRY SPECIFIC CLERICAL, ADMINISTRATIVE SUPPORT	300	53000
INSURANCE ADJUSTERS, EXAMINERS, INVESTIGATORS	313	53302
INSPECTORS, RELATED OCCUPATIONS	498	83000
INSPECTORS, TESTERS, RELATED, NEC	502	83099
INSPECTORS,TESTERS,& GRADERS,PRECISION	499	83002
INSTALLER & REPAIRER, MOBILE HOME	560	85938
INSTRUCTIONAL COORDINATORS	201	31517
INSTRUCTORS AND COACHES--SPORTS	192	31321
INSTRUCTORS--NON-VOCATIONAL EDUCATION	191	31317
INSTRUMENT MAKERS, PRECISION	628	89105
INSTRUMENT REPAIRERS, PRECISION	549	85905
INSULATION WORKERS	602	87802
INSURANCE APPRAISERS--AUTO DAMAGE	314	53305
INSURANCE CLAIMS CLERKS	316	53311
INSURANCE EXAMINING CLERKS	315	53308
INSURANCE POLICY PROCESSING CLERKS	317	53314
INSURANCE WORKERS	312	53300
INTERIOR DESIGNERS	259	34041
INTERVIEW CLERKS--EX PERSONNEL, WELFARE	351	55332
INVESTIGATIVE, RELATED, EX INSURANCE	318	53500
INVESTIGATORS--CLERICAL	320	53505

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MONITORS, CLEANERS--EXCEPT MAIDS	445	67005
JEWELERS AND SILVERSMITHS	634	89123
BOOK PRINTERS	658	89705
JUDGES AND MAGISTRATES	136	28102
LANDSCAPERS, LANDSCAPING/GROUNDSKEEPING	485	79041
LANDSCAPE ARCHITECTS	71	22308
MACHINE SETTERS--METAL, PLASTIC	689	91105
OTHERS	573	87114
NEW AND RELATED OCCUPATIONS	134	28000
NEW CLERKS	140	28302
NEW TEACHERS, POSTSECONDARY	175	31244
OWN SERVICE MANAGER	19	15032
WYERS	138	28108
WYERS AND RELATED WORKERS	135	28100
AYOUT WORKERS--METAL, PRECISION	632	89117
CTURERS	147	31111
GAL ASSISTANTS, TECHNICIANS, EX CLERICAL	139	28300
GAL ASSISTANTS, TECHNICIANS--EX CLERICAL, NEC	144	28399
INTERPRESS SETTERS, SET-UP OPERATORS	739	92515
RARIANS, ARCHIVISTS AND RELATED	195	31500
RARIANS--PROFESSIONAL	196	31502
RARY ASSISTANTS & BOOKMOBILE DRIVERS	331	53902
RARY SCIENCE TEACHERS, POSTSECONDARY	180	31256
ENSE CLERKS	325	53708
ENSED VOCATIONAL NURSES	222	32505
IE SCIENCES TEACHERS, POSTSECONDARY	151	31202
IE SCIENTISTS	89	24300
IE SCIENTISTS, NEC	94	24399
HOGRAPHY & PHOTOENGRAVING WORKERS, NEC	667	89719
HOGRAPHY & PHOTOENGRAVING, PRECISION	661	89710
INDRY, DRYCLEAN MACH OPS--EX PRESS	759	92726
LOADING MACHINE OPERATORS--MINING	875	97932
AN AND CREDIT CLERKS	308	53121
AN INTERVIEWERS	305	53111
AN OFFICERS AND COUNSELORS	28	21108
LOCKSMITHS AND SAFE REPAIRERS	555	85923
LOCOMOTIVE ENGINEERS	843	97305
LOCOMOTIVE FIRERS	845	97311
LOGGING AND TRAVEL WORKERS	326	53800
LOG GRADERS AND SCALERS	477	79008
LOG HANDLING EQUIPMENT OPERATORS	472	73008
LOGGING TRACTOR OPERATORS	473	73011
LOGSHORE EQUIPMENT OPERATORS	865	97902
MACHINE BUILDERS & OTHER PRECISION MACH ASSEMBLER	792	93105
MACHINE FORMING OPS, TENDERS--METAL, PLASTIC	701	91321
MACHINE FORMING SETTERS--METAL, PLASTIC	694	91300
MACHINE SETTER, SET-UP, OP--EX METAL, PLASTIC	761	92900
MACHINE SETTERS, SET-UP OPERATORS, & TENDERS	686	91000
MACHINE TOOL CUTTING OPS--METAL, PLASTIC	693	91117
MACHINE TOOL CUTTING--METAL, PLASTIC	687	91100

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MACHINE TOOL SETTERS, OPS--METAL, PLASTIC	702	91500
MACHINE ASSEMBLERS	799	93902
MACHINE FEEDERS AND OFFBEARERS	899	98500
MACHINE FEEDERS AND OFFBEARERS, NEC	900	98502
MACHINE OPERATORS AND TENDERS, NEC	788	92998
MACHINE SETTERS & SET-UP OPERATORS, NEC	787	92997
MACHINERY AND RELATED MECHANICS	504	85100
MACHINERY MAINT MECHANICS, NEC	511	85119
MACHINERY MAINTENANCE MECHANICS	505	85110
MACHINERY MAINTENANCE WORKERS	514	85128
MACHINISTS	629	89108
MAIDS AND HOUSEKEEPING CLEANERS	444	67002
MAIL CLERKS-EX MAIL MACHINE OPERATORS, POSTAL	374	57302
MAIL MACHINE OPERATORS--PREP AND HANDLING	360	56008
MAIL, MESSAGE DISTRIBUTION WORKERS	373	57300
MAIN LINE STATION ENGINEERS	869	97914
MAINTENANCE MECHANICS--MARINE EQUIP	508	85116
MAINTENANCE MECHANICS--WATER, POWER	510	85118
MAINTENANCE REPAIRERS, GENERAL UTILITY	515	85132
MAINTENANCE MECHANICS--SEWING MACHINE	507	85113
MAINTENANCE MECHANICS--TEXTILE	506	85112
MANAGEMENT ANALYSTS	44	21905
MANAGEMENT SUPPORT OCCUPATIONS	24	21000
MANAGEMENT SUPPORT WORKERS, NEC	50	21999
MANAGERS AND ADMINISTRATORS, NEC	22	19999
MANICURISTS	452	68008
MARINE ARCHITECTS	70	22305
MARINE ENGINEERS	66	22138
MARKING CLERKS	385	58021
MASONS AND RELATED WORKERS	577	87300
MATERIAL MOVEMENT EQUIPMENT OPERATORS	864	97900
MATERIAL MOVING EQUIP OPERATORS, NEC	884	97989
MATERIAL RECORDING, DISPATCHING	378	58000
MATERIAL RECORDING, RELATED, NEC	389	58099
MATES--SHIP, BOAT, AND BARGE	851	97505
MATH SCIENTISTS AND RELATED	110	25300
MATHEMATICAL SCIENCES TEACHERS, POSTSECONDARY	163	31224
MATHEMATICAL SCIENTISTS	112	25310
MATHEMATICAL SCIENTISTS, NEC	116	25319
MATHEMATICAL TECHNICIANS	117	25323
MEAT, POULTRY, FISH CUTTERS--HAND	811	93938
MECHANICAL CONTROL, VALVE INSTALLERS	557	85928
MECHANIC AND REPAIRER HELPERS	887	98100
MECHANIC AND REPAIRER HELPERS, NEC	888	98102
MECHANICAL ENGINEERING TECHNICIANS	77	22511
MECHANICAL ENGINEERS	65	22135
MECHANICS, INSTALLERS, REPAIRERS	503	85000
MECHANICS, NEC	527	85399
MECHANICS, INSTALLERS, REPAIRERS, NEC	566	85999
MEDICAL, CLINICAL LAB ASSISTANTS	232	32905

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
EDICAL, CLINICAL LAB TECHNOLOGISTS	231	32902
EDICAL APPLIANCE MAKERS	683	89923
EDICAL ASSISTANTS	434	66005
EDICAL RECORDS TECHNICIANS	234	32911
EDICAL SCIENTISTS	93	24311
EDICINE, HEALTH SERVICES MANAGERS	11	15008
ENDERS, GARMENTS AND LINENS	565	85956
ERCHANDISE DISPLAYERS, WINDOW TRIMMERS	260	34044
ERCHANDISE, PRODUCTS AND OTHER SALES	285	49000
ESSENGERS	377	57311
ETAL FABRICATING MACH SETTERS, OPS	706	91700
ETAL FABRICATOR, STRUCTURAL METAL PRODUCTS	711	91714
ETAL MOLDING MACHINE OPERATORS AND TENDERS	716	91911
ETAL MOLDING, MACHINE SETTER, SET-UP	715	91908
ETAL POURERS, CASTERS--BASIC	812	93941
ETAL WORKERS, NEC--PRECISION	639	89199
ETAL WORKERS, PRECISION	626	89100
ETAL, PLASTIC MACHINE SETTERS, OPS NEC	727	92100
ETAL, PLASTIC PROCESS MACHINE SETTERS	712	91900
ETALLURGISTS, RELATED ENGINEERS	54	22105
ETER READERS--UTILITIES	383	58014
MANAGERS AND ADMINISTRATIVE OCCUPATIONS	2	10000
M LING MACHINE SETTERS--METAL, PLASTIC	691	91111
M L WRIGHTS	512	85123
MINE CUTTING, CHANNELING MACHINE OPERATORS	621	87943
M INING ENGINEERS--INCL MINE SAFETY	55	22108
M INING MACHINE OPERATORS	619	87940
M INING MACHINE OPERATORS, NEC	622	87949
M INING, OIL AND GAS, RELATED MANAGERS	15	15021
MISC AGRICULTURE, FORESTRY, FISHING	475	79000
MISC HELPERS, LABORERS--HAND	905	98900
MISC HELPERS, LABORERS--HAND, NEC	908	98999
MISC INDUSTRY SPECIFIC CLERICAL	330	53900
MISC MECHANICS, INSTALLERS, REPAIRERS	547	85900
MISC METAL, PLASTIC MACHINE SETTERS OPERATORS	726	91999
MISC PERSONAL SERVICE OCCUPATIONS	449	68000
MISC PROFESSIONALS, PARAPROFS, TECHNICAL	266	39000
MISC SECRETARIAL, GENERAL OFFICE OCCS	341	55300
MISC SERVICE WORKERS	464	69000
MISC TRANSPORTATION WORKERS	859	97800
MARKETING, ADVERTISING, PUBLIC-RELATIONS MANAGERS	6	13011
M BILE EQUIPMENT MECHANICS, REPAIRERS	516	85300
M BILE HEAVY EQUIP MECHANICS--EX ENGINE	521	85314
M DELS	296	49036
M L DERS AND CASTERS--HAND	813	93944
M L DERS, SHAPERS--EX JEWELRY	677	89905
M TION PICTURE PROJECTIONISTS	763	92905
M TOR VEHICLE OPERATORS	833	97100
M TOR VEHICLE OPERATORS, NEC	840	97199
M TORBOAT OPERATORS	853	97511

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MOTORCYCLE REPAIRERS	519	85308
MUNICIPAL CLERKS	324	53705
MUNICIPAL WORKERS	322	53700
MUSIC DIRECTORS, SINGERS, COMPOSERS	261	34047
MUSICAL INSTRUMENT REPAIRERS AND TUNERS	554	85921
MUSICIANS--INSTRUMENTAL	262	34051
NATURAL SCIENTISTS AND RELATED WORKERS	82	24000
NUMERICAL TOOL, PROCESS PROGRAMMERS	108	25111
NEW ACCOUNTS CLERKS	303	53105
NONELECTROLYTIC PLATING & COATING MACHINE-OPS	721	91926
NONELECTROLYTIC PLATING MACHINE-SETTERS & SET-UP	720	91923
NUCLEAR ENGINEERS	58	22117
NUCLEAR MEDICINE TECHNOLOGISTS	236	32914
NUCLEAR TECHNICIANS	98	24508
NUMERICAL MACHINE TOOL OPS--METAL, PLASTIC	703	91502
NURSE AIDES, ORDERLIES, ATTENDANTS	435	66008
NURSERY & GREENHOUSE MANAGER	18	15031
NURSING INSTRUCTORS, POSTSECONDARY	148	31114
OCCUPATIONAL THERAPISTS	214	32305
OCCUPATIONAL THERAPY ASSISTANTS	439	66021
OCCUPATIONS NOT CLASSIFIED	909	
OFFICE MACHINE, CASH REGISTER SERVICERS	556	85926
OFFICE MACHINE OPERATORS, NEC	365	56099
OFFSET LITHOGRAPHIC PRESS SETTERS	738	92512
OIL PUMPERS--EXCEPT WELL HEAD	867	97908
OPERATING ENGINEERS	883	97956
OPERATIONS & SYSTEMS RESEARCHERS--EX COMPUTER	111	25302
OPTICAL GOODS WORKERS, PRECISION	681	89917
OPTICIANS--DISPENSING, MEASURING	225	32514
OPTOMETRISTS	207	32108
ORDER CLERKS--MATERIALS, SERVICE	348	55323
ORDER FILLERS--WHOLESALE & RETAIL SALE	387	58026
ORDINARY SEAMEN AND MARINE OILERS	855	97517
OTHER SOCIAL SCIENCE RELATED WORKERS	124	27300
OTHER ELECTRICAL EQUIPMENT MECHANICS	535	85700
OTHER HAND WORKERS	798	93900
OTHER HEALTH PROFESSIONALS, PARAPROFS	230	32900
OTHER MANAGEMENT SUPPORT WORKERS	42	21900
OTHER PRECISION WORKERS	675	89900
OTHER PROFESSIONALS, PARAPROF, TECHNICAL	272	39999
OTHER TEACHERS AND INSTRUCTORS	184	31300
PACKAGING, FILLING MACHINE OPERATORS, TENDERS	786	92974
PAINT, COAT & SPRAY MACHINE SETTERS	778	92951
PAINTERS AND RELATED WORKERS	584	87400
PAINTERS, PAPERHANGERS--CONSTRUCTION	585	87402
PAINTERS, TRANSPORTATION EQUIPMENT	777	92947
PAINTING, COATING, DECORATING--HAND	814	93947
PAINTING, RELATED MACHINE OPERATORS, TENDERS	779	92953
PAPER GOODS MACHINE SETTERS, SET-UP OPERATORS	766	92914
PARALEGAL PERSONNEL	141	28305

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PARKING ENFORCEMENT OFFICERS	405	63021
PARKING LOT ATTENDANTS	862	97808
PARKS,REC,LEISURE,FITNESS STUDIES TEACHERS, POST	181	31258
PASTE UP WORKERS	659	89706
PATTERN AND MODEL MAKERS--METAL	631	89114
PATTERN AND MODEL MAKERS--WOOD	641	89302
PATTERN MARKERS--WOOD	642	89305
PATTERNMAKERS AND LAYOUT WORKERS	648	89502
PATTERNMAKERS, MODEL MAKERS, LAYOUT	678	89908
PAVING, TAMPING-EQUIPMENT OPERATORS	598	87708
PAYROLL AND TIMEKEEPING CLERKS	354	55341
PERIPHERAL EDP EQUIPMENT OPERATORS	362	56014
PERSONNEL CLERKS--EX PAYROLL	345	55314
PERSONNEL, TRAINING, LABOR-RELATIONS MANAGERS	4	13005
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS	37	21500
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS, NEC	41	21511
PERSONAL AND HOME CARE AIDES	461	68035
PEST CONTROLLERS AND ASSISTANTS	446	67008
PETROLEUM REFINERY, CONTROL PANEL OPERATORS	824	95014
PETROLEUM ENGINEERS	56	22111
PETROLEUM PUMP SYSTEM OPERATORS	823	95011
PETROLEUM TECHNICIANS	99	24511
PHARMACISTS	226	32517
PHARMACY AIDES	441	66026
PHARMACY TECHNICIANS	227	32518
PHILOSOPHY & RELIGION TEACHERS, POSTSECONDARY	179	31254
PHOTOENGRAVERS	662	89712
PHOTOENGRAVING, LITHOGRAPHING MACHINE OPERATORS	747	92545
PHOTOGRAPHERS	253	34023
PHOTOGRAPHIC PROCESSING MACHINE OPS & TENDERS	764	92908
PHOTOGRAPHIC PROCESS WORKER,PRECISION	680	89914
PHYSICAL SCIENCE TEACHERS, POSTSECONDARY	154	31209
PHYSICAL SCIENTISTS	83	24100
PHYSICAL SCIENTISTS, NEC	88	24199
PHYSICAL THERAPISTS	215	32308
PHYSICAL THERAPY ASSISTANTS & AIDES	438	66017
PHYSICAL, LIFE SCIENCE TECHNICIANS	95	24500
PHYSICAL, LIFE SCIENCE TECHNICIANS, NEC	100	24599
PHYSICIANS AND SURGEONS	205	32102
PHYSICIAN'S ASSISTANTS	224	32511
PHYSICISTS AND ASTRONOMERS	84	24102
PHYSICS TEACHERS, POSTSECONDARY	153	31206
PILE DRIVING OPERATORS	597	87705
PILOTS--SHIP	852	97508
PIPELAYERS	589	87508
PIPELAYING FITTERS	588	87505
PLANT AND SYSTEM OCCUPATIONS	819	95000
PLANT AND SYSTEM OPERATORS, NEC	831	95099
PLAST MOLDING, CASTING MACHINE SETTER	713	91902
PLASTERERS AND STUCCO MASONS	583	87317

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PLASTIC MOLDING, CASTING MACHINE OPS	714	91905
PLATEMAKERS	666	89718
PLUMBERS AND RELATED WORKERS	586	87500
PLUMBERS, PIPEFITTERS, STEAMFITTER	587	87502
PODIATRISTS	208	32111
POLICE AND DETECTIVE SUPERVISORS	395	61005
POLICE DETECTIVES	402	63011
POLICE PATROL OFFICERS	403	63014
POLITICAL SCIENCE TEACHERS, POSTSECONDARY	171	31236
PORTABLE MACHINE CUTTERS	808	93928
POSTAL MAIL CARRIERS	375	57305
POSTAL SERVICE CLERKS	376	57308
POSTMASTERS, MAIL SUPERINTENDENTS	9	15002
POSTSECONDARY TEACHERS	146	31100
POSTSECONDARY TEACHERS, NEC	183	31299
POWER DISTRIBUTORS AND DISPATCHERS	829	95028
POWER PLANT OPS--EX AUXILIARY EQUIPMENT	826	95021
POWER REACTOR OPERATORS	828	95026
POWERHOUSE, RELATED ELECTRICIANS	542	85721
PRESS MACHINE SETTERS--METAL, PLASTIC	696	91305
PRESSERS--DELICATE FABRICS	653	89517
PRESSERS--HAND	805	93921
PRESSING MACH OPS--TEXTILE, GARMENT	760	92728
PRINT PRESS SETTERS,SET UP OPS	737	92510
PRINT PRESS SETTERS,SET-UP OPS NEC	740	92519
PRINT REL SETTERS, SET-UP OPS, NEC	744	92529
PRINT, BINDING, RELATED MACHINE OPS, TENDER	749	92549
PRINTING PRESS MACHINE OPS, TENDER	746	92543
PRINTING WORKERS, NEC--PRECISION	669	89799
PRINTING WORKERS, PRECISION	656	89700
PRINTING, BINDING, RELATED WORKERS	736	92500
PROCUREMENT CLERKS	349	55326
PROD INSPECTORS, TESTERS, & GRADER	500	83005
PROD, CONST, OPER, MATERIAL HANDLING	490	80000
PROD, PLANNING, EXPEDITING CLERKS	381	58008
PRODUCERS, DIRECTORS, ACTORS	264	34056
PRODUCTION OCCUPATIONS, PRECISION	625	89000
PROFESSIONAL, PARAPROF, TECHNICAL	23	20000
PROOFREADERS AND COPY MARKERS	334	53911
PROPERTY AND REAL ESTATE MANAGERS	12	15011
PROTECTIVE SERVICE OCCUPATIONS	398	63000
PROTECTIVE SERVICE WORKERS, NEC	415	63099
PRUNERS	483	79033
PSYCHIATRIC AIDES	437	66014
PSYCHIATRIC TECHNICIANS	242	32931
PSYCHOLOGISTS	122	27108
PSYCHOLOGY TEACHERS, POSTSECONDARY	172	31237
PUBLIC ADMIN CHIEF EXECUTIVES, LEGISLATORS	20	19002
PUBLIC RELATIONS SPECIALISTS, PUBLICITY WRITERS	248	34008
PUMP OPERATORS	882	97953

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PUNCH MACHINE SETTERS--METAL, PLASTIC	695	91302
PURCHASING AGENTS AND BUYERS--FARM PRODUCTS	35	21305
PURCHASING AGENTS--EX WHOLESALE,RETAIL,FARM PRODS	36	21308
PURCHASING AGENTS AND BUYERS	33	21300
PURCHASING MANAGERS	5	13008
RADIATION THERAPISTS	235	32913
RADIO MECHANICS	533	85514
RADIO OPERATORS	269	39008
RADIOLOGIC TECHNOLOGISTS	237	32919
RAIL CAR REPAIRERS	522	85317
RAIL TRANSPORTATION WORKERS	841	97300
RAIL VEHICLE OPERATIVES, NEC	848	97399
RAIL YARD ENGINEERS AND RELATED	844	97308
RAILROAD BRAKE, SIGNAL, SWITCH OPERATORS	847	97317
RAILROAD CONDUCTORS, YARDMASTERS	842	97302
RAILROAD, TRANSIT POLICE,SPECIAL AGENTS	411	63038
RAIL-TRACK LAYING, MAINTENANCE EQUIPMENT OPS	600	87714
REAL ESTATE CLERKS	335	53914
RECEPTIONISTS, INFORMATION CLERKS	343	55305
RECREATION WORKERS	129	27311
RECREATIONAL THERAPISTS	218	32317
REFRACTORY MATERIALS REPAIRERS	513	85126
REFUSE COLLECTORS	903	98705
REGISTERED NURSES	221	32502
REINFORCING METAL WORKERS	582	87314
RELIGIOUS WORKERS	130	27500
RELIGIOUS WORKERS, NEC	133	27599
REPORTERS AND CORRESPONDENTS	249	34011
RESERVATION, TRANS TICKET AGENTS	328	53805
RESIDENTIAL COUNSELORS	127	27307
RESPIRATORY CARE PRACTITIONERS	213	32302
RIGGERS	559	85935
ROASTING, BAKING MACHINE OPERATORS--FOOD	768	92921
ROCK SPLITTERS, QUARRY	613	87908
ROLLING MACH SETTERS--METAL, PLASTIC	699	91314
ROOF BOLTERS	618	87923
ROOFERS	605	87808
ROTARY DRILL OPERATORS--OIL, GAS EXTRACT	614	87911
ROUSTABOUTS	617	87921
SAFETY ENGINEERS--EXCEPT MINING	64	22132
SALES AGENTS, PLACERS--INSURANCE	276	43002
SALES AGENTS--ADVERTISING	283	43023
SALES AGENTS--FINANCIAL SERVICES	280	43014
SALES AGENTS--REAL ESTATE	278	43008
SALES AGENTS--SELECTED BUSINESS SERVICES	281	43017
SALES AGENTS--SERVICE	275	43000
SALES AND RELATED OCCUPATIONS	273	40000
SALES AND RELATED WORKERS, NEC	297	49999
SALES ENGINEERS	286	49002
SALES REPRESENTATIVES, NON-SCIENTIFIC EX RET	288	49008

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SALES REPRESENTATIVES, SCIENTIFIC--EX RETAIL	287	49005
SALES REPRESENTATIVES, SERVICE--NEC	284	43099
SALESPERSONS, RETAIL	289	49011
SALESPERSONS--PARTS	290	49014
SAW MACHINE TOOL SETTERS--METAL,PLASTIC	688	91102
SAWING MACHINE OPERATORS AND TENDERS	733	92308
SAWING MACHINE SETTERS, SET-UP OPERATORS	731	92302
SCANNER OPERATORS	664	89715
SCREEN PRINT MACHINE SETTERS, SET-UP	742	92524
SECRETARIAL, GENERAL OFFICE OCCUPATIONSS	336	55000
SECRETARIES	337	55100
SECRETARIES, GENERAL	340	55108
SECRETARIES, LEGAL	338	55102
SECRETARIES, MEDICAL	339	55105
SELECTED ROAD, RAIL AND RELATED	595	87700
SEPARATING, STILL MACHINE OPS, TENDERS	782	92962
SEPTIC TANK, SEWER PIPE SERVICERS	590	87511
SERVICE OCCUPATIONS	392	60000
SERVICE STATION ATTENDANTS	861	97805
SERVICE UNIT OPERATORS	616	87917
SERVICE WORKERS, NEC	465	69999
SEWERS--HAND	806	93923
SEWING MACHINE OPERATORS--GARMENT	756	92717
SEWING MACHINE OPS--NON-GARMENT	757	92721
SHAMPOOERS	453	68011
SHEAR MACHINE SETTERS--METAL, PLASTIC	697	91308
SHEET METAL DUCT INSTALLERS	604	87805
SHEET METAL WORKERS	637	89132
SHERIFFS AND DEPUTY SHERIFFS	409	63032
SHIP ENGINEERS	856	97521
SHIPFITTERS	633	89121
SHOE AND LEATHER WKRS--PRECISION	651	89511
SHOE SEWING MACHINE OPS, TENDERS	758	92723
SHUTTLE CAR OPERATORS	876	97935
SIGNAL OR TRACK SWITCH MAINTAINERS	532	85511
SLAUGHTERERS AND BUTCHERS	671	89802
SMALL ENGINE SPECIALISTS	526	85328
SOCIAL SCI, RECREATION, RELIGIOUS	118	27000
SOCIAL SCIENCE TEACHERS, POSTSECONDARY	165	31230
SOCIAL SCIENCES TEACHERS, POSTSECONDARY,	173	31239
SOCIAL SCIENTISTS, NEC	123	27199
SOCIAL SCIENCE--INCL URBAN, REGIONAL PLANNERS	119	27100
SOCIAL WORKERS--EX MEDICAL, PSYCHIATRIC	126	27305
SOCIAL WORK TEACHERS, POSTSECONDARY	177	31247
SOCIAL WORKERS--MEDICAL, PSYCHIATRIC	125	27302
SOLDERERS AND BRAZERS	804	93917
SOLDERING, BRAZING MACH OPS,TENDERS	710	91711
SOLDERING, BRAZING MACH SETTERS	709	91708
SPEC MATERL PRINTING MACH SETTERS	741	92522
SPECIAL AGENTS--INSURANCE	39	21505

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SPEECH PATHOLOGISTS, AUDIOLOGISTS	217	32314
SPOTTERS--DRY CLEANING	652	89514
SPRAYERS, APPLICATORS	484	79036
STATEMENT CLERKS	310	53126
STATION INSTALLERS--TELEPHONE	544	85726
STATIONARY ENGINEERS	830	95032
STATISTICAL CLERKS	350	55328
STATISTICIANS	113	25312
STENOGRAPHERS AND/OR COURT REPORTER	342	55302
STEVEDORES--EX EQUIPMENT OPERATORS	902	98702
STOCK CLERKS--SALES FLOOR	292	49021
STOCK CLERKS--STOCKROOM, WAREHOUSE	386	58023
STONE MASONS	579	87305
STRIPPERS	665	89717
STRUCTURAL METAL WORKERS	607	87814
SUBWAY AND STREETCAR OPERATORS	846	97314
SURGICAL TECHNICIANS	241	32928
SURVEYING AND MAPPING SCIENTISTS	72	22311
SURVEYING AND MAPPING TECHNICIANS	80	22521
SWITCHBOARD OPERATORS	368	57102
SYSTEMS ANALYSTS--ELECTRIC DATA PROCESSING	103	25102
TANK CAR AND TRUCK LOADERS	866	97905
TAPERS	572	87111
TAX EXAMINERS, COLLECTORS, REVENUE AGENTS	47	21914
TAX PREPARERS	29	21111
TAXI DRIVERS AND CHAUFFEURS	838	97114
TEACHER AIDES & EDUCATIONAL ASSISTANTS, CLERICAL	332	53905
TEACHER AIDES, PARAPROFESSIONAL	202	31521
TEACHERS AND INSTRUCTORS, NEC	194	31399
TEACHERS, EDUCATORS, LIBRARIANS	145	31000
TEACHERS, KINDERGARTEN	186	31304
TEACHERS, PRESCHOOL	185	31303
TEACHERS--ELEMENTARY SCHOOL	187	31305
TEACHERS--SECONDARY SCHOOL	188	31308
TEACHERS--SPECIAL EDUCATION	189	31311
TEACHERS--VOCATIONAL ED AND TRAINING	190	31314
TECHNICAL ASSISTANTS--LIBRARY	197	31505
TECHNICAL WRITERS	247	34005
TELEGRAPH AND TELETYPE OPERATORS	371	57111
TELEGRAPH, TELETYPE INSTALLERS	531	85508
TELEMARKETERS, SOLICITORS & RELATED	294	49026
TELEPHONE, CABLE TV INSTALLERS	536	85702
TELLERS	302	53102
TEXTILE, APPAREL, FURNISHINGS, NEC--PRECISION	655	89599
TEXTILE BLEACHING, DYEING MACHINE OPERATORS	755	92714
TEXTILE DRAW-OUT MACH OPERATORS, TENDERS	754	92711
TEXTILE MACHINE SETTERS, SET-UP OPERATORS	751	92702
TEXTILE OPERATORS, TENDERS--WIND, TWIST, KNIT	752	92705
TEXTILE, APPAREL, FURNISHINGS, PRECISION	647	89500
TEXTILE, RELATED SETTERS, OPERATORS	750	92700

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
THERAPISTS	212	32300
THERAPISTS, NEC	219	32399
TIMBER CUTTING AND LOGGING	469	73000
TIMBER CUTTING AND RELATED, NEC	474	73099
TIRE BUILDING MACHINE OPERATORS	765	92911
TIRE REPAIRERS AND CHANGERS	564	85953
TITLE EXAMINERS AND ABSTRACTORS	143	28311
TITLE SEARCHERS	142	28308
TOOL AND DIE MAKERS	627	89102
TOOL GRINDERS, FILERS, SHARPENERS	630	89111
TRAFFIC TECHNICIANS	268	39005
TRAFFIC, SHIPPING, RECEIVING CLERKS	388	58028
TRANS AND RELATED WORKERS, NEC	863	97899
TRANS ATTENDANTS--EX FLIGHT	459	68028
TRANS, MATERIAL MOVING EQUIPMENT OPS, NEC	885	97999
TRANS, MATERIAL MOVING MACHINE OPS	832	97000
TRANSIT CLERKS	304	53108
TRANSPORTATION AGENTS	382	58011
TRANSPORTATION INSPECTORS	501	83008
TRAVEL AGENTS	282	43021
TRAVEL CLERKS	327	53802
TRUCK DRIVERS, HEAVY	834	97102
TRUCK DRIVERS, LIGHT	835	97105
TYPESETTING, COMPOSING MACHINE OPS	745	92541
TYPISTS, INCLUDING WORD PROCESSING	344	55307
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UNDERGROUND MINE MACHINE MECHANICS	509	85117
UNDERWRITERS	26	21102
UPHOLSTERERS	650	89508
URBAN AND REGIONAL PLANNERS	121	27105
USHERS, LOBBY ATTENDANTS	456	68021
VEHICLE WASHERS, EQUIPMENT CLEANERS	907	98905
VETERINARY ASSISTANTS	486	79806
VETERINARY TECHNICIANS	243	32951
VETS AND VETERINARY INSPECTORS	210	32114
VOCATIONAL & EDUCATIONAL COUNSELOR	200	31514
WAITERS AND WAITRESSES	419	65008
WARDROBE ATTENDANTS	460	68032
WATCH ASSEMBLERS, RELATED--PRECISION	796	93117
WATCHMAKERS	553	85917
WATER TRANSPORTATION WORKERS	849	97500
WATER TREATMENT PLANT OPERATORS	820	95002
WEIGHERS, MEASURERS--RECORDKEEPING	384	58017
WELDERS AND CUTTERS	803	93914
WELDING MACH OPERATORS AND TENDERS	708	91705
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WELL HEAD PUMPERS	868	97911
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Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
WOODWORK MACH OPS,TNDRS--EX SAWING	735	92314
WOODWORK MACH SETTERS--EX SAWING	734	92311
WOODWORKERS, NEC--PRECISION	646	89399
WOODWORKERS, PRECISION	640	89300
WOODWORKING MACHINE SETTERS, OPS	730	92300
WORKERS, PRECISION--NEC	685	89999
WRITERS AND EDITORS	246	34002
WRITERS, ARTISTS, ENTER, ATHLETES	245	34000

Standard Industrial Classification Manual

The Standard Industrial Classification (SIC) is a nationally standardized system for identifying and coding business establishments according to their industrial activity. An "establishment" is an economic unit, generally located at a single physical location, where business is conducted or where services or industrial operations are performed. The Standard Industrial Classification (SIC) Manual is the reference guide used to accurately apply and/or understand the classification coding system.

The SIC Manual's format separates industries into ten broad divisions, such as manufacturing and retail trade. Within those broad groupings are more specific two-digit codes, as well as more detailed three-digit and four-digit codes, that identify specific industries. Brief narratives describe the kinds of establishments contained in each classification category.

Suggestions for Users

The SIC Manual facilitates the collection, analysis and publication of information about business establishments. This standardized system is used throughout the United States to promote uniformity in the publications of private and governmental agencies. The Employment Development Department's field office personnel use the manual to assign SIC codes to employers to aid in providing services. Trade associa-

tions and private industry use the manual in reference books, such as the California Manufacturers Register.

The manual can help one to understand the composite industries summarized in publications. However, all public sector workers are usually grouped together into a category called "government", which includes federal, state and local government, and state and local education.

The U.S. Department of Labor, Occupational Safety and Health Administration provides SIC information on the Internet at <http://www.osha.gov/oshstats/sicser.html>

The SIC Manual may be purchased from U.S. Government Bookstores, Bureau of Labor Statistics, or the Superintendent of Documents in Los Angeles or San Francisco. For information about purchasing this manual, contact:

U.S. Government Bookstore
Marathon Plaza, Room 141-S
303 2nd Street
San Francisco, CA 94107
Phone - (415) 512-2770
Fax - (415) 512-2776
<http://access.gpo.gov>

North American Industry Classification System

The United States has a new industry classification system. The North American Industry Classification System (NAICS) will soon replace the U.S. Standard Industrial Classification (SIC) system.

NAICS is the first-ever North American Industry classification system. The system was developed by the U.S., Canada, and Mexico to provide comparable statistics across the three countries. For the first time, government and business analysts will be able to compare directly industrial production statistics collected and published in the three North American Free Trade Agreement countries.

NAICS will reshape the way we view our changing economy. It is a unique, all-new system for classifying business establishments. It is the first economic classification system to be constructed based on a single economic concept. Economic units that use like processes to produce goods or services are grouped together. This "production-oriented" system means that statistical agencies in the United States will produce data that can be used for:

- measuring productivity, unit labor costs, and the capital intensity of production;
- constructing input-output relationships and;
- estimating employment-output relationships and other such statistics that require that inputs and outputs be used together.

NAICS responds to increasing and serious criticism about the SIC. NAICS reflects the structure of today's economy in the United States, Canada, and Mexico, including the emergence and growth of the service sector and new and advanced technologies. It is a flexible system that allows each country to recognize important industries below the level at which comparable data will be shown for all three countries.

The 1997 Economic Census will provide the first official NAICS-based statistics. Advance statistics will appear in early 1999. A report in 2000 will show relationships between NAICS and SIC industries.

Implementation by Federal agencies will be in phases. Some agency programs will convert to NAICS as early as 1999, others as late as 2004.

How is NAICS better?

NAICS will make economic statistics more useful. It will improve basic benchmark and current performance statistics, like manufacturers' shipments, retail sales, and service receipts. It will improve statistics by providing an all-new industry classification system that is more:

Relevant. NAICS identifies new industries, revises concepts, and reorganizes classifications so that industry-classified statistics highlight businesses that contribute most to our economy.

Consistent. NAICS classifies businesses into industries based on one principle instead of several; the principle that businesses using similar production processes are classified together.

Comparable. NAICS provides first-ever comparability in North American industry classifications and economic statistics.

Flexible. NAICS classifications will be updated regularly to keep pace with changes in our economy; every 5 years, all three North American countries will review NAICS and make needed revisions.

How NAICS will affect the economic data you use.

Every sector of the economy has been restructured and redefined:

- A new *Information* sector combines communications, publishing, motion picture and sound recording, and online services, recognizing our information-based economy.
- *Manufacturing* is restructured to recognize new high-tech industries. A new subsector is devoted to computers and electronics, including reproduction of software.
- *Retail Trade* is redefined. In addition, eating and drinking places are transferred to a new *Accommodation and Food Services* sector.
- The difference between *Retail* and *Wholesale* is now based on how each store conducts business. For example, many computer stores are reclassified from wholesale to retail.
- Nine new service sectors and 250 new service industries are recognized.

All new numbering system

Numeric codes for each NAICS classification are completely different from those of the SIC. The new numbering system underscores the "clean slate" approach taken in NAICS and allows its classification changes to be fully developed. The new system provides five levels of classification (up from four in the SIC), detailed codes that have a maximum of six-digits (up from four in the SIC) and detailed classifications called "U.S. Industry" (instead of "Industry" in the SIC). These changes require new numbers, even for industries that continue without change. For example, both NAICS and SIC include the detailed industry, "Passenger car rental." However, in NAICS, it has code number 532111, and in the SIC, it was code number 7514. While all NAICS numeric codes are new, like the SIC, they are organized into multi-level hierarchical classification groups that build up from the detailed industry level. The additional level of classification and expanded number of digits permit NAICS to account for the increased number of classifications, provide flexibility in structuring industry classification groups, and allow for country-based variations in classification detail.

A variety of information resources are available to help users of business statistics understand and use NAICS. Additional information, answers to frequently asked questions, and updated agency implementation plans are available at the Census Bureau's Internet site:

www.census.gov/naics

Answers to specific classification and data program inquiries may also be addressed to industry experts at:

Phone: 1-888-75NAICS

E-mail: naics@census.gov

Projection Methods And Economic Assumptions

The employment projection process consists of two phases – first, projections for employment by industry are made using both historical data and current information about the economy. Next, the industry projections become a primary data source used to project changes in occupational employment.

Changes in occupational employment over time result from two principal sources: industry growth and technological change. In developing occupational employment projections, both of these components must be addressed.

The following is a discussion of how industry and occupational projections are developed, beginning with a description of data sources and followed by a description of the steps involved.

Principal Data Sources

Employment by Industry

The source of the official historical industry employment series used for industry projections for the state and each county is the Current Employment Statistics (CES) program. This is a Federal/State co-operative program that compiles monthly estimates of industry employment groupings for the state and each county. These monthly industry employment estimates are based primarily on employer sample surveys.

A second source used in industry forecasts is the Covered Employment and Wage Data, or ES-202 program. Essentially, this program extracts employment and wage information from quarterly tax returns filed by each California employer covered by unemployment insurance. Each employer has been assigned a specific industry and county code and these data are compiled to provide the 'actual' industry employment levels for each industry and county. These data are then used for benchmarking the monthly industry employment

estimates made in the CES program. This is also a Federal/State co-operative program.

Employment by Occupation

Occupational employment estimates are based on survey data collected through the Occupational Employment Statistics (OES) program. The OES survey is an annual mail survey of non-farm employers conducted by the Employment Development Department in cooperation with the U.S. Bureau of Labor Statistics. The survey is based on a sample designed to represent the universe of employers in each state. In California, data are collected for over 800 occupations at the three-digit SIC level of detail. The survey samples approximately 110,000 business establishments over a three year period.

The Process

Industry Projections

Industry projections are first developed at aggregated levels (industry groupings) for the state and each county based on the Current Employment Statistics employment series.

Second, these aggregated industry projections are then broken down into more industry specific detail using the ES-202 data. The industry specific projections then become the primary source from which occupational projections are developed by using industry staffing patterns data. The following steps outline the process:

- Approximately every two years, industry employment projections are produced for the nation by the Bureau of Labor Statistics.
- Industry projections are then developed for the State using input from the national forecast and the historical industry employment series for the State.

- County industry projections are then developed using input from the state forecast and the historical employment series for each county.
- State projections are developed for ten years from the base period and county projections are developed for seven years from the base period.
- The State forecasts are reviewed by Labor Market Information Division (LMID) industry analysts, California's Department of Finance, and academics.
- County forecasts are reviewed by local area consultants who provide up to date information regarding recent developments in each county that would not normally be accounted for in the model.

Occupational Projections

The distribution of industry employment by occupation is performed in three steps.

- OES survey responses are summarized by industry and matched with the appropriate SIC in the area. (In cases where local OES responses are not available, either state-wide responses or another area's responses are substituted.)
- The survey data are adjusted to total to the annual average employment level for each industry. This results in estimates of employment by occupation within the three-digit SICs for the base year.
- Finally, base year staffing patterns are adjusted to account for projected shifts in the occupational distributions due to technological changes. These projected changes are derived from special studies conducted by the U.S. Bureau of Labor Statistics. Applying these changes to the base year staffing patterns results in staffing patterns by three-digit SIC for the projected year. Projected year staffing patterns are applied to the industry employment projections to pro-

duce occupational employment projections within three-digit SICs. Data by occupation are then summed to get the occupational estimates. The difference between the base year occupation estimates and the projected year projections represents the job growth resulting from industry growth and from technological change. (Change factors do not try to predict regulatory changes.)

Demand for workers is also created by openings that result when workers leave their jobs to enter other occupations, retire, or leave the labor force for other reasons. These openings, termed *separations*, are important because, in most occupations, they exceed job openings resulting from employment growth. Even occupations that are projected to decline usually provide job openings due to separations. Separations are developed from separation rates compiled on a national basis every two years by the Bureau Of Labor Statistics.

Economic Assumptions

The industry and occupational projections in this report are based on the following assumptions:

- ✓ The institutional framework of the U.S. economy will not change radically.
- ✓ Recent technological and scientific trends will continue.
- ✓ The long-term employment patterns will continue in most industries.
- ✓ Federal, state, and local government agencies will continue to operate under budgetary constraints.
- ✓ No major events, such as war, will occur that will significantly alter the industrial structure of the economy, the occupational staffing patterns, or the rate of long-term growth.
- ✓ Population growth rates and age distributions will not differ significantly from Department of Finance projections presently available.
- ✓ Attitudes toward work, education, income, and leisure will not change significantly.

Projections & Planning Information

Module E:

Wages

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Introduction to the Occupational Employment Statistics Wage Survey

Survey Description

The Occupational Employment Statistics (OES) survey is an annual mail survey measuring occupational employment and occupational wage rates for wage and salary workers in nonfarm establishments by industry. The survey samples approximately 37,000 establishments per year, taking 3 years to fully collect the sample of 113,000 establishments in California.

The 2000 OES survey is the second year to use the new Standard Occupational Classification (SOC) system to identify occupational categories. These survey samples are based only on two years of data collected in the 1999 and 2000 survey. Surveys prior to 1999 used the Occupational Employment Statistics (OES) classification system. Of the nearly 770 SOC occupations, 374 are a direct match with the OES classification system definitions. The rest are newly defined SOC occupations. The SOC structure and definitions can be found at the Bureau of Labor Statistics (BLS) SOC Home Page at <http://www.bls.gov/oes/home.htm>.

The wage data for all occupations have been updated to the third quarter of 2001 by applying the Employment Cost Index of the 2000 SOC wage database. The occupational employment estimates are for 2000. A more complete set of technical notes for the 2000 OES survey is available at the BLS website at <http://www.bls.gov/oes/2000/oestec2000.htm>.

'Employment' Definition

The OES survey defines employment as the number of workers who can be classified as full-time or part-time employees; workers on paid vacations or other types of leave; workers on unpaid or short-term absences; salaried

officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station, regardless of whether that unit prepares their paycheck. The survey excludes the self-employed, owners/partners of unincorporated firms, and unpaid family workers. Employees are reported in the occupation in which they are working, not necessarily for which they were trained.

Business Establishment Description

The OES survey uses the Standard Industrial Classification (SIC) system to classify all establishments. An establishment is defined as an economic unit which processes goods or provides services, such as a factory or store. The establishment is generally at a single physical location and is engaged primarily in one type of economic activity.

The scope of the survey includes establishments in SIC codes 07, 10, 12 to 17, 20 to 42, 44 to 65, 67, 70, 72, 73, 75, 76, 78 to 84, 86, 87, and 89 covering agricultural services; mining; construction; manufacturing; transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; services; and government.

Source of Sample Selection

The California Unemployment Insurance (UI) file provided the universe from which the OES survey draws its sample. The employment benchmark was obtained from reports submitted by employers to the UI program. In some nonmanufacturing industries, supplemental sources are used for establishments not reporting to the UI program.

The OES survey frame is stratified by area, industry, and size class. Size classes are defined as follows:

<u>Size Class</u>	<u>Number of Employees</u>
1	1 to 4
2	5 to 9
3	10 to 19
4	20 to 49
5	50 to 99
6	100 to 249
7	250 and above

UI reporting units with 250 or more employees are sampled with certainty across a 3-year period. Generally, one-third of the certainty units are sampled each year in each state. There are some states that sample more than one-third of their certainty units during one survey year.

Terms and Concepts

Employment represents the estimate of total wage and salary employment in an occupation across the industries in which it was surveyed. The OES survey form contains between 50 and 225 SOC occupations selected on the basis of the industry classification and size of the sampled establishments. To reduce paperwork and respondent burden, no survey form contains every SOC occupation. Thus, data for specific occupations are collected from establishments within industries that are the predominant employers of labor in those occupations.

Wages for the OES survey are straight-time gross pay, exclusive of premium pay. Included are base rate, cost-of-living allowances, guaranteed pay, hazardous duty pay, incentive pay including commissions and production bonuses, tips, and on-call pay. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, non-production bonuses, employer cost of supplementary benefits, and tuition reimbursements.

The OES survey collects wage data in 12 inter-

vals. Employers report the number of employees in an occupation per each wage range. The wage intervals are as follows:

<u>Interval</u>	<u>Hourly Wage</u>	<u>Annual Wage</u>
A	Under \$6.75	Under \$14,040
B	\$6.75 to 8.49	\$14,040 to 17,679
C	\$8.50 to 10.74	\$17,680 to 22,359
D	\$10.75 to 13.49	\$22,360 to 28,079
E	\$13.50 to 16.99	\$28,080 to 35,359
F	\$17.00 to 21.49	\$35,360 to 44,719
G	\$21.50 to 27.24	\$44,720 to 56,679
H	\$27.25 to 34.49	\$56,680 to 71,759
I	\$34.50 to 43.74	\$71,760 to 90,999
J	\$43.75 to 55.49	\$91,000 to 115,439
K	\$55.50 to 69.99	\$115,440 to 145,599
L	\$70.00 and over	\$145,600 and over

Wages are calculated using wage data from establishments in the industries that are the predominant employers of an occupation. Industries that do not typically employ workers in a given occupation are not included in the calculation of the mean and median wage.

Mean Hourly Wage is the estimated total wages for an occupation divided by its weighted survey employment. When the wages for an occupation are concentrated in the upper wage interval, it is not possible to calculate a reliable mean. In those instances, both the mean hourly wage and the mean annual wage are replaced by a "(3)" and the user is referred to the appropriate footnote. There are a small number of occupations where only an annual wage figure is provided; the workers in these occupations are generally paid on an annual basis, and their annual wage has been directly calculated from the reported survey data. Occupations that typically have a work-year of less than 2,080 hours include musical and entertainment occupations, aircraft pilots, flight attendants, and teachers. These occupations are identified in the data tables with "(2)" in the hourly wage cells.

Median Hourly Wage is the estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below, and 50 percent earn wages above, the median wage.

Entry-Level Hourly Wage is the mean of the first third of the wage distribution. This calculation is provided as a proxy for an entry-level wage.

First Quartile Wage is the estimated 25th percentile of the distribution of wages; 25 percent of workers in an occupation earn wages below, and 75 percent earn wages above, the first quartile wage.

Third Quartile Wage is the estimated 75th percentile of the distribution of wages; 75 percent of workers in an occupation earn wages below, and 25 percent earn wages above, the third quartile wage.

Metropolitan Area – The general concept of a metropolitan area (MA) is one of a large population nucleus, together with adjacent communities that have a high degree of economic and social integration with that nucleus. Some MAs are defined around two or more nuclei. The MAs are designated and defined by the Federal Office of Management and Budget, following a set of official published standards. These standards were developed by the Interagency Federal Executive Committee on Metropolitan Areas, with the aim of producing definitions that are as consistent as possible for all MAs nationwide.

Metropolitan Statistical Area (MSA) - A MSA comprises one or more central counties. A MSA also may include one or more outlying counties that have close economic and social relationships with the central county. An outlying county must have a specified level of commuting to the central counties and also must meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. The title of a MSA contains the name of its largest city and up to two additional city names, pro-

vided that the additional places meet specified levels of population, employment, and commuting. Generally a city of 250,000 or more is in the title, regardless of other criteria.

Primary Metropolitan Statistical Area (PMSA) - The criteria that designates and defines a MSA also designates and defines a PMSA. If an area that qualifies as a MA has more than one million persons, primary metropolitan statistical areas (PMSAs) may be defined within it. PMSAs consist of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links, in addition to close ties to other portions of the larger area. The title of a PMSA may contain up to three place names, or up to three county names, sequenced in order of population.

Consolidated Metropolitan Statistical Area (CMSA) - A CMSA consists of two or more Primary Metropolitan Statistical Areas (PMSAs).

Occupational Employment Statistics (OES) Survey Results

San Francisco PMSA

Marin, San Francisco, & San Mateo Counties

These survey data are from the 2000 Occupational Employment Statistics (OES) survey. The wages have all been updated to the third quarter of 2001 by applying the Employment Cost Index to the 2000 wages. Occupations are classified using the Standard Occupational Classification (SOC) codes. For details of the methodology, see the Overview of the OES Survey at <http://www.calmis.ca.gov>

(Sorted by Occupational Title)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-2011	Accountants and Auditors	\$17.98	\$28.29	\$20.06	\$25.43	\$32.94
27-2011	Actors	(2)	(2)	(2)	(2)	(2)
15-2011	Actuaries	\$20.17	\$39.18	\$23.11	\$33.31	\$58.04
13-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	\$29.17	\$43.70	\$32.36	\$47.09	\$53.94
11-3011	Administrative Services Managers	\$17.16	\$29.99	\$19.60	\$26.31	\$38.97
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	\$13.49	\$28.39	\$16.16	\$25.30	\$41.15
11-2011	Advertising and Promotions Managers	\$19.46	\$36.13	\$22.30	\$33.42	\$47.07
11-3011	Advertising Sales Agents	\$15.14	\$28.83	\$18.05	\$23.24	\$36.21
23-1011	Agents and Business Managers of Artists, Performers, and Athletes	\$36.72	(3)	\$49.62	\$59.11	>\$70.01
19-4011	Agricultural and Food Science Technicians	\$8.66	\$13.88	\$9.29	\$12.09	\$18.61
19-1010	Agricultural and Food Scientists	\$17.69	\$26.25	\$20.27	\$25.48	\$32.27
15-2011	Agricultural Inspectors	\$10.67	\$17.93	\$13.77	\$16.19	\$24.22
3-2021	Air Traffic Controllers	\$32.69	\$41.91	\$36.33	\$43.54	\$50.42
1-1011	Aircraft Cargo Handling Supervisors	\$16.36	\$21.73	\$18.70	\$21.13	\$25.73

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
53-2099	All Other Air Transportation Workers	\$8.87	\$9.72	\$9.17	\$9.87	\$10.57
17-1099	All Other Architects, Surveyors, and Cartographers	\$21.14	\$29.80	\$24.24	\$27.79	\$34.22
27-1099	All Other Art and Design Workers	\$17.65	\$31.68	\$21.19	\$30.73	\$40.05
37-9099	All Other Building and Grounds Cleaning and Maintenance Workers	\$8.20	\$13.94	\$9.78	\$13.78	\$17.64
47-4999	All Other Construction Trades and Related Workers	\$8.60	\$15.63	\$11.18	\$14.85	\$19.83
21-9099	All Other Counselors, Social and Religious Workers	\$12.02	\$18.46	\$12.95	\$15.87	\$24.05
21-2099	All Other Religious Workers	\$12.52	\$19.76	\$13.32	\$17.01	\$26.31
17-3099	All Other Drafters, Engineering, and Mapping Technicians	\$15.79	\$24.35	\$19.09	\$24.79	\$29.38
49-2099	All Other Electrical and Electronic Equipment Mechanics, Installers, and Repairers	\$9.44	\$14.34	\$10.29	\$13.00	\$17.97
43-4999	All Other Financial, Information, and Record Clerks	\$12.46	\$16.36	\$13.92	\$16.47	\$19.00
51-3099	All Other Food Processing Workers	\$6.25*	\$8.42	\$6.31	\$7.40	\$8.63
29-9199	All Other Health Professionals and Technicians	\$9.36	\$18.27	\$10.85	\$17.50	\$22.07
23-9099	All Other Legal and Related Workers	\$17.70	\$34.98	\$20.33	\$27.58	\$46.57
43-5199	All Other Material Recording, Scheduling, Dispatching, and Distributing Workers	\$12.51	\$15.81	\$14.04	\$15.74	\$17.49
51-5099	All Other Printing Workers	\$8.23	\$16.52	\$9.90	\$15.91	\$23.35
43-9999	All Other Secretaries, Administrative Assistants, and Other Office Support	\$11.01	\$17.19	\$12.73	\$15.95	\$20.22
25-3999	All Other Teachers, Primary, Secondary, and Adult	(2)	(2)	(2)	(2)	(2)
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	\$8.09	\$19.59	\$8.64	\$10.77	\$38.67
39-3091	Amusement and Recreation Attendants	\$6.92	\$9.50	\$7.47	\$8.87	\$11.48

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
29-1061	Anesthesiologists	\$26.88	\$48.60	\$37.67	\$50.90	\$59.63
39-2011	Animal Trainers	\$6.87	\$8.69	\$7.28	\$7.88	\$8.48
27-3010	Announcers	\$7.62	\$16.64	\$8.47	\$12.48	\$22.82
25-1061	Anthropology and Archeology Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
13-2021	Appraisers and Assessors of Real Estate	\$20.31	\$32.86	\$22.62	\$29.60	\$43.29
23-1022	Arbitrators, Mediators, and Conciliators	\$27.47	\$36.03	\$30.30	\$36.04	\$41.53
17-1011	Architects, Except Landscape and Naval	\$18.96	\$30.37	\$21.93	\$29.25	\$38.21
17-3011	Architectural and Civil Drafters	\$18.21	\$25.61	\$20.16	\$25.16	\$30.55
17-0000	Architecture and Engineering Occupations	\$20.68	\$31.15	\$23.41	\$29.34	\$38.17
25-1031	Architecture Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
25-4010	Archivists, Curators, and Museum Technicians	\$12.35	\$19.92	\$14.06	\$18.28	\$22.55
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-1011	Art Directors	\$24.18	\$43.60	\$29.17	\$42.34	\$58.42
25-1121	Art, Drama, and Music Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$13.27	\$25.85	\$16.78	\$22.90	\$32.18
31-2099	Assemblers and Fabricators, All Other	\$6.25*	\$9.11	\$6.58	\$7.85	\$10.35
29-9091	Athletic Trainers	(2)	(2)	(2)	(2)	(2)
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-4011	Audio and Video Equipment Technicians	\$10.50	\$18.65	\$14.25	\$19.14	\$21.70
29-1121	Audiologists	\$23.30	\$28.87	\$26.10	\$29.24	\$32.78

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-9011	Audio-Visual Collections Specialists	\$10.21	\$13.94	\$10.23	\$11.34	\$18.24
49-3021	Automotive Body and Related Repairers	\$7.80	\$16.56	\$8.75	\$16.59	\$23.86
49-3022	Automotive Glass Installers and Repairers	\$9.30	\$14.59	\$10.06	\$12.69	\$19.19
49-3023	Automotive Service Technicians and Mechanics	\$13.40	\$19.58	\$15.36	\$19.92	\$24.20
39-6011	Baggage Porters and Bellhops	\$7.18	\$10.46	\$7.74	\$9.13	\$10.85
51-3011	Bakers	\$7.53	\$11.42	\$8.24	\$10.21	\$14.18
39-5011	Barbers	\$6.76	\$9.94	\$7.58	\$9.68	\$11.48
35-3011	Bartenders	\$7.15	\$11.12	\$8.14	\$11.03	\$13.85
49-3091	Bicycle Repairers	\$8.53	\$10.74	\$9.02	\$10.35	\$12.17
43-3011	Bill and Account Collectors	\$13.08	\$16.94	\$14.57	\$16.57	\$19.15
43-3021	Billing and Posting Clerks and Machine Operators	\$12.53	\$17.38	\$13.99	\$17.08	\$20.78
51-5011	Bindery Workers	\$7.75	\$13.10	\$8.56	\$11.90	\$16.77
19-1021	Biochemists and Biophysicists	\$22.48	\$35.09	\$25.95	\$37.05	\$42.75
25-1042	Biological Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-4021	Biological Technicians	\$12.11	\$18.31	\$13.39	\$18.11	\$21.39
17-2031	Biomedical Engineers	\$23.98	\$38.51	\$26.70	\$35.34	\$44.43
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$12.40	\$17.48	\$14.18	\$17.10	\$20.89
47-2021	Brickmasons and Blockmasons	\$15.21	\$30.61	\$18.46	\$35.14	\$41.90
27-4012	Broadcast Technicians	\$9.07	\$23.16	\$10.99	\$23.14	\$36.92
43-4011	Brokerage Clerks	\$14.99	\$17.83	\$15.66	\$17.56	\$20.25

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-2031	Budget Analysts	\$18.37	\$28.74	\$20.64	\$27.76	\$34.99
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$7.90	\$11.81	\$8.68	\$11.07	\$13.95
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$15.72	\$21.57	\$18.09	\$21.76	\$25.70
53-3022	Bus Drivers, School	\$9.11	\$12.87	\$9.90	\$11.92	\$15.51
53-3021	Bus Drivers, Transit and Intercity	\$12.78	\$16.37	\$13.85	\$16.74	\$19.15
13-0000	Business and Financial Operations Occupations	\$17.27	\$29.78	\$20.32	\$27.02	\$35.81
13-1199	Business Operations Specialists, All Other	\$16.35	\$26.99	\$19.54	\$25.62	\$33.22
25-1011	Business Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
51-3021	Butchers and Meat Cutters	\$9.03	\$15.94	\$10.30	\$17.70	\$20.50
51-7011	Cabinetmakers and Bench Carpenters	\$9.45	\$16.37	\$11.04	\$14.29	\$22.95
27-4031	Camera Operators, Television, Video, and Motion Picture	\$10.22	\$21.13	\$14.88	\$23.29	\$26.48
53-5021	Captains, Mates, and Pilots of Water Vessels	\$27.68	\$33.87	\$30.17	\$32.93	\$35.72
43-5011	Cargo and Freight Agents	\$12.64	\$18.89	\$14.53	\$18.97	\$21.79
47-2031	Carpenters	\$17.88	\$25.83	\$20.75	\$26.14	\$31.63
47-2041	Carpet Installers	\$22.05	\$27.49	\$24.43	\$28.22	\$31.87
17-1021	Cartographers and Photogrammetrists	\$19.26	\$27.23	\$20.63	\$28.50	\$33.18
41-2011	Cashiers	\$6.93	\$9.86	\$7.44	\$8.79	\$11.18
47-2051	Cement Masons and Concrete Finishers	\$13.54	\$22.10	\$14.93	\$21.90	\$25.93
35-1011	Chefs and Head Cooks	\$11.28	\$18.34	\$13.34	\$16.47	\$22.85
17-2041	Chemical Engineers	\$26.58	\$38.86	\$28.99	\$37.38	\$45.77

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-9011	Chemical Equipment Operators and Tenders	\$16.04	\$23.50	\$17.50	\$21.47	\$28.22
25-1052	Chemistry Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-2031	Chemists	\$17.88	\$24.64	\$18.84	\$22.68	\$30.64
11-1011	Chief Executives	\$42.20	(3)	\$51.34	>\$70.01	>\$70.01
39-9011	Child Care Workers	\$8.71	\$14.19	\$10.23	\$13.38	\$16.32
21-1021	Child, Family, and School Social Workers	\$11.21	\$19.46	\$12.85	\$19.70	\$26.17
29-1011	Chiropractors	\$14.60	\$25.83	\$17.27	\$22.50	\$32.42
27-2032	Choreographers	\$15.64	\$32.21	\$18.54	\$21.09	\$52.66
17-3022	Civil Engineering Technicians	\$18.43	\$26.48	\$19.58	\$24.18	\$33.74
17-2051	Civil Engineers	\$24.01	\$32.89	\$25.96	\$31.47	\$39.74
13-1031	Claims Adjusters, Examiners, and Investigators	\$16.95	\$27.01	\$20.04	\$29.74	\$33.40
53-7061	Cleaners of Vehicles and Equipment	\$6.36	\$9.87	\$6.90	\$9.00	\$11.15
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	\$6.25*	\$7.67	\$6.25*	\$6.84	\$9.65
21-2011	Clergy	\$10.45	\$22.75	\$11.18	\$23.96	\$31.22
19-3031	Clinical, Counseling, and School Psychologists	\$18.83	\$29.56	\$23.54	\$30.78	\$37.61
27-2022	Coaches and Scouts	(2)	(2)	(2)	(2)	(2)
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$9.10	\$13.12	\$10.45	\$12.86	\$15.77
51-2021	Coil Winders, Tapers, and Finishers	\$11.27	\$19.03	\$13.20	\$20.64	\$24.23
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	\$8.08	\$9.38	\$7.81	\$8.37	\$8.93

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$6.89	\$9.11	\$7.45	\$9.10	\$10.66
27-1021	Commercial and Industrial Designers	\$18.27	\$26.43	\$19.23	\$22.00	\$32.20
43-2099	Communications Equipment Operators, All Other	\$9.91	\$18.51	\$10.78	\$18.16	\$22.66
25-1122	Communications Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
21-0000	Community and Social Services Occupations	\$11.26	\$19.19	\$12.83	\$16.94	\$24.98
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$20.78	\$29.42	\$23.17	\$27.00	\$34.19
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	\$17.21	\$26.10	\$19.38	\$24.88	\$31.62
15-1011	Computer and Information Scientists, Research	\$29.04	\$44.31	\$34.00	\$43.16	\$55.60
11-3021	Computer and Information Systems Managers	\$29.66	\$47.23	\$34.73	\$46.57	\$59.17
15-0000	Computer and Mathematical Occupations	\$21.61	\$34.65	\$24.71	\$32.98	\$42.98
17-2061	Computer Hardware Engineers	\$25.61	\$39.74	\$29.97	\$39.36	\$49.82
43-9011	Computer Operators	\$13.12	\$18.65	\$14.82	\$18.74	\$21.33
15-1021	Computer Programmers	\$21.35	\$33.69	\$22.73	\$30.61	\$42.12
25-1021	Computer Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
15-1031	Computer Software Engineers, Applications	\$30.23	\$42.16	\$33.68	\$41.20	\$51.21
15-1032	Computer Software Engineers, Systems Software	\$25.00	\$37.93	\$26.62	\$34.38	\$49.47
15-1099	Computer Specialists, All Other	\$22.05	\$37.46	\$25.91	\$35.89	\$44.28
15-1041	Computer Support Specialists	\$17.46	\$26.18	\$19.56	\$25.19	\$32.50
15-1051	Computer Systems Analysts	\$23.97	\$34.42	\$27.64	\$34.12	\$41.86
49-2011	Computer, Automated Teller, and Office Machine Repairers	\$14.16	\$18.06	\$14.96	\$16.91	\$20.72

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$11.70	\$20.39	\$14.21	\$20.59	\$26.81
39-6012	Concierges	\$8.55	\$11.04	\$9.26	\$10.30	\$12.82
19-1031	Conservation Scientists	\$24.52	\$25.83	\$24.49	\$26.19	\$27.88
47-4011	Construction and Building Inspectors	\$24.47	\$29.92	\$26.20	\$30.22	\$34.06
47-0000	Construction and Extraction Occupations	\$13.79	\$23.54	\$16.62	\$23.48	\$29.26
47-2061	Construction Laborers	\$11.25	\$19.29	\$12.94	\$21.36	\$25.20
11-9021	Construction Managers	\$30.81	\$47.55	\$34.85	\$44.26	\$67.90
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	\$18.13	\$24.25	\$21.43	\$25.49	\$28.28
53-7011	Conveyor Operators and Tenders	\$10.73	\$13.41	\$12.03	\$13.37	\$15.17
35-2011	Cooks, Fast Food	\$6.76	\$9.16	\$7.52	\$9.35	\$10.50
35-2012	Cooks, Institution and Cafeteria	\$9.74	\$13.19	\$10.71	\$12.88	\$15.36
35-2014	Cooks, Restaurant	\$7.92	\$14.05	\$8.95	\$10.89	\$17.31
35-2015	Cooks, Short Order	\$8.52	\$13.05	\$9.65	\$12.54	\$16.59
33-3012	Correctional Officers and Jailers	\$17.13	\$24.27	\$19.61	\$24.61	\$30.60
43-4021	Correspondence Clerks	\$11.97	\$16.09	\$12.88	\$16.08	\$19.69
13-1051	Cost Estimators	\$19.85	\$30.48	\$22.48	\$29.29	\$37.85
39-3092	Costume Attendants	\$10.65	\$22.72	\$12.76	\$26.49	\$30.79
41-2021	Counter and Rental Clerks	\$6.80	\$10.81	\$7.65	\$10.05	\$13.39
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$7.53	\$8.94	\$7.60	\$8.43	\$10.02
43-5021	Couriers and Messengers	\$7.88	\$14.14	\$8.50	\$12.61	\$19.10

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-4031	Court, Municipal, and License Clerks	\$22.68	\$25.67	\$23.73	\$25.79	\$27.85
13-2041	Credit Analysts	\$16.85	\$26.30	\$18.14	\$23.33	\$30.90
43-4041	Credit Authorizers, Checkers, and Clerks	\$11.03	\$16.72	\$12.86	\$15.92	\$19.51
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
33-9091	Crossing Guards	\$7.22	\$11.17	\$8.20	\$10.53	\$13.29
43-4051	Customer Service Representatives	\$10.94	\$17.37	\$12.25	\$16.02	\$20.80
51-9031	Cutters and Trimmers, Hand	\$7.67	\$13.59	\$8.90	\$12.03	\$16.03
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	\$7.67	\$13.84	\$8.51	\$13.19	\$18.85
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$9.22	\$15.26	\$11.45	\$13.53	\$21.50
27-2031	Dancers	\$8.40	\$18.63	\$10.38	\$22.85	\$25.61
43-9021	Data Entry Keyers	\$10.20	\$13.90	\$10.93	\$13.61	\$16.41
15-1061	Database Administrators	\$17.63	\$30.90	\$19.88	\$30.01	\$41.80
41-9011	Demonstrators and Product Promoters	\$9.25	\$13.58	\$9.54	\$10.75	\$15.14
31-9091	Dental Assistants	\$9.69	\$14.60	\$10.44	\$13.68	\$16.60
29-2021	Dental Hygienists	\$19.24	\$31.89	\$20.95	\$36.65	\$40.86
51-9081	Dental Laboratory Technicians	\$12.10	\$16.75	\$12.69	\$15.25	\$18.25
29-1020	Dentists	\$38.35	\$47.23	\$39.99	\$44.82	\$56.31
43-9031	Desktop Publishers	\$12.55	\$21.47	\$13.98	\$17.76	\$26.11
33-3021	Detectives and Criminal Investigators	\$21.64	\$29.10	\$23.98	\$29.16	\$34.20

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
29-2032	Diagnostic Medical Sonographers	\$30.56	\$33.42	\$30.87	\$33.63	\$36.37
29-2051	Dietetic Technicians	\$7.94	\$13.32	\$8.64	\$14.12	\$16.64
29-1031	Dietitians and Nutritionists	\$19.63	\$24.67	\$21.79	\$24.60	\$27.35
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.25*	\$7.50	\$6.25*	\$6.63	\$8.08
21-2021	Directors, Religious Activities and Education	\$11.09	\$17.95	\$13.00	\$16.35	\$22.30
35-9021	Dishwashers	\$6.25*	\$8.03	\$6.42	\$7.57	\$8.98
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$11.63	\$16.97	\$13.33	\$16.37	\$20.09
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	\$9.41	\$13.28	\$9.36	\$10.16	\$11.49
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$8.02	\$11.25	\$8.88	\$10.49	\$13.41
53-3031	Driver/Sales Workers	\$9.62	\$13.70	\$10.55	\$12.84	\$16.22
47-2081	Drywall and Ceiling Tile Installers	\$20.03	\$26.67	\$21.95	\$27.45	\$32.16
47-5021	Earth Drillers, Except Oil and Gas	\$15.14	\$25.75	\$16.59	\$29.49	\$33.27
25-1063	Economics Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-3011	Economists	\$21.57	\$33.52	\$25.13	\$33.35	\$41.63
27-3041	Editors	\$17.30	\$26.22	\$19.95	\$24.90	\$30.71
11-9032	Education Administrators, Elementary and Secondary School	(2)	(2)	(2)	(2)	(2)
11-9033	Education Administrators, Postsecondary	\$33.99	\$44.31	\$38.49	\$43.35	\$51.67
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$9.84	\$18.82	\$11.84	\$16.89	\$21.42
25-1081	Education Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-0000	Education, Training, and Library Occupations	\$11.51	\$21.23	\$13.41	\$18.97	\$26.90
25-9199	Education, Training, and Library Workers, All Other	\$11.25	\$18.55	\$14.44	\$17.29	\$21.52
21-1012	Educational, Vocational, and School Counselors	\$11.21	\$22.06	\$13.16	\$20.09	\$28.79
49-2092	Electric Motor, Power Tool, and Related Repairers	\$12.65	\$19.25	\$14.59	\$17.87	\$21.91
17-3023	Electrical and Electronic Engineering Technicians	\$17.58	\$23.18	\$19.22	\$22.18	\$27.37
51-2022	Electrical and Electronic Equipment Assemblers	\$10.06	\$15.19	\$11.74	\$14.76	\$18.23
17-3012	Electrical and Electronics Drafters	\$16.12	\$21.77	\$18.10	\$20.76	\$24.98
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	\$8.08	\$10.29	\$8.01	\$8.75	\$12.29
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$15.90	\$21.94	\$18.09	\$21.98	\$26.31
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	\$11.61	\$18.21	\$13.45	\$17.45	\$24.06
17-2071	Electrical Engineers	\$25.86	\$35.43	\$28.84	\$35.09	\$42.20
49-9051	Electrical Power-Line Installers and Repairers	\$22.63	\$27.68	\$24.73	\$28.57	\$32.23
47-2111	Electricians	\$16.88	\$29.01	\$20.10	\$27.49	\$38.77
51-2023	Electromechanical Equipment Assemblers	\$7.55	\$13.31	\$8.87	\$12.69	\$18.08
17-3024	Electro-Mechanical Technicians	\$17.05	\$20.93	\$17.97	\$20.47	\$23.99
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	\$9.87	\$12.68	\$9.57	\$10.32	\$11.08
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	\$10.17	\$18.22	\$11.14	\$19.18	\$22.95
17-2072	Electronics Engineers, Except Computer	\$23.71	\$33.45	\$25.57	\$31.18	\$39.00
25-2021	Elementary School Teachers, Except Special Education	(2)	(2)	(2)	(2)	(2)
47-4021	Elevator Installers and Repairers	\$29.59	\$36.83	\$33.46	\$38.41	\$42.25

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-4061	Eligibility Interviewers, Government Programs	\$11.95	\$17.69	\$13.50	\$18.83	\$21.25
39-4011	Embalmers	\$18.44	\$19.47	\$18.65	\$19.90	\$21.14
13-1061	Emergency Management Specialists	\$20.29	\$33.22	\$22.59	\$28.87	\$44.20
29-2041	Emergency Medical Technicians and Paramedics	\$11.47	\$16.50	\$13.30	\$15.71	\$17.60
13-1071	Employment, Recruitment, and Placement Specialists	\$16.51	\$33.92	\$17.99	\$27.58	\$48.64
51-2031	Engine and Other Machine Assemblers	\$11.56	\$16.06	\$12.70	\$16.89	\$19.70
11-9041	Engineering Managers	\$34.39	\$50.46	\$39.77	\$51.33	\$59.63
25-1032	Engineering Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
17-2199	Engineers, All Other	\$24.03	\$36.16	\$27.37	\$34.81	\$43.72
25-1123	English Language and Literature Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	(2)	(2)	(2)	(2)	(2)
17-3025	Environmental Engineering Technicians	\$14.10	\$20.69	\$16.65	\$20.37	\$24.01
17-2081	Environmental Engineers	\$22.93	\$34.71	\$25.91	\$33.72	\$41.75
19-4091	Environmental Science and Protection Technicians, Including Health	\$14.15	\$20.68	\$15.37	\$18.20	\$22.85
25-1053	Environmental Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-2041	Environmental Scientists and Specialists, Including Health	\$21.43	\$31.39	\$23.38	\$29.79	\$37.37
51-9194	Etchers and Engravers	\$10.12	\$12.98	\$11.62	\$13.20	\$15.16
53-7032	Excavating and Loading Machine and Dragline Operators	\$17.09	\$25.64	\$23.08	\$27.71	\$32.04
43-6011	Executive Secretaries and Administrative Assistants	\$14.25	\$19.78	\$15.47	\$18.71	\$23.38

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$7.06	\$13.40	\$7.97	\$13.14	\$18.57
51-6092	Fabric and Apparel Patternmakers	\$12.27	\$21.08	\$13.96	\$19.01	\$25.37
29-1062	Family and General Practitioners	\$47.37	\$56.53	\$50.12	\$56.24	\$59.63
45-0000	Farming, Fishing, and Forestry Occupations	\$7.53	\$12.48	\$8.30	\$10.41	\$14.28
45-9099	Farming, Fishing, and Forestry Workers, All Other	\$7.74	\$10.70	\$7.96	\$8.88	\$10.67
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$8.00	\$10.81	\$8.84	\$10.06	\$11.74
45-2093	Farmworkers, Farm and Ranch Animals	\$7.13	\$10.52	\$7.73	\$11.16	\$13.17
27-1022	Fashion Designers	\$17.75	\$27.20	\$19.16	\$23.33	\$31.54
43-4071	File Clerks	\$9.37	\$12.44	\$10.44	\$12.49	\$14.21
27-4032	Film and Video Editors	\$19.37	\$28.53	\$23.23	\$27.28	\$33.17
13-2051	Financial Analysts	\$21.85	\$34.07	\$24.96	\$31.53	\$40.39
13-2061	Financial Examiners	\$24.55	\$37.82	\$28.66	\$37.96	\$47.43
11-3031	Financial Managers	\$26.69	\$43.72	\$31.03	\$41.87	\$56.78
13-2099	Financial Specialists, All Other	\$18.82	\$36.33	\$21.19	\$28.82	\$50.52
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	\$13.92	\$22.94	\$15.92	\$19.91	\$26.51
33-2011	Fire Fighters	\$17.29	\$27.23	\$19.38	\$27.51	\$34.66
33-2021	Fire Inspectors and Investigators	\$30.23	\$35.01	\$31.33	\$35.07	\$40.25
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$20.52	\$29.24	\$21.82	\$27.59	\$35.03
33-1011	First-Line Supervisors/Managers of Correctional Officers	\$20.64	\$28.68	\$25.66	\$30.68	\$33.78

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$18.05	\$23.13	\$19.14	\$21.56	\$25.89
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	\$21.27	\$30.80	\$22.33	\$27.11	\$36.54
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$11.88	\$16.74	\$13.86	\$16.19	\$19.51
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$13.81	\$20.03	\$15.21	\$18.81	\$23.24
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$12.77	\$18.95	\$14.63	\$17.63	\$22.57
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$14.46	\$19.95	\$15.46	\$18.52	\$23.40
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$22.55	\$29.04	\$24.32	\$28.36	\$33.22
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$19.22	\$30.76	\$21.65	\$28.31	\$38.76
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$16.03	\$23.94	\$17.69	\$22.69	\$27.96
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$11.06	\$17.21	\$12.41	\$16.19	\$21.06
33-1012	First-Line Supervisors/Managers of Police and Detectives	\$33.99	\$43.18	\$37.78	\$44.44	\$51.65
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	\$14.93	\$26.82	\$17.02	\$23.53	\$33.41
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$11.95	\$19.40	\$13.53	\$16.66	\$22.74
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	\$17.05	\$25.17	\$19.01	\$23.43	\$31.17
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	\$11.75	\$17.54	\$12.51	\$15.51	\$21.25
33-3031	Fish and Game Wardens	\$19.53	\$25.92	\$20.90	\$25.60	\$31.06
39-9031	Fitness Trainers and Aerobics Instructors	\$7.22	\$21.29	\$8.37	\$17.65	\$31.51
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	\$12.95	\$20.22	\$15.27	\$21.58	\$25.57

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-2043	Floor Sanders and Finishers	\$18.49	\$28.49	\$23.99	\$30.58	\$34.58
27-1023	Floral Designers	\$10.44	\$15.34	\$11.86	\$15.82	\$19.46
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	\$16.77	\$18.67	\$18.22	\$19.54	\$20.85
51-3092	Food Batchmakers	\$8.03	\$11.95	\$8.32	\$10.94	\$13.65
51-3093	Food Cooking Machine Operators and Tenders	\$7.66	\$11.01	\$8.10	\$10.05	\$14.42
35-9099	Food Preparation and Serving Related Workers, All Other	\$8.38	\$12.53	\$10.15	\$12.51	\$14.21
35-0000	Food Preparation and Serving-Related Occupations	\$6.25*	\$9.78	\$6.67	\$8.50	\$11.05
35-2021	Food Preparation Workers	\$7.00	\$9.69	\$7.91	\$9.63	\$10.85
35-3041	Food Servers, Nonrestaurant	\$8.07	\$9.90	\$8.65	\$9.80	\$10.93
11-9051	Food Service Managers	\$15.30	\$23.81	\$16.50	\$19.68	\$24.90
25-1124	Foreign Language and Literature Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	\$6.81	\$10.58	\$7.62	\$9.58	\$11.00
39-4021	Funeral Attendants	\$7.80	\$9.81	\$7.91	\$9.46	\$11.81
11-9061	Funeral Directors	\$16.24	\$20.43	\$17.95	\$20.34	\$23.75
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$15.36	\$15.84	\$15.17	\$16.13	\$17.09
51-7021	Furniture Finishers	\$11.25	\$16.19	\$14.38	\$16.60	\$19.68
41-2012	Gaming Change Persons and Booth Cashiers	\$6.85	\$10.53	\$7.80	\$11.51	\$13.07
39-1011	Gaming Supervisors	\$15.16	\$30.88	\$16.90	\$35.15	\$42.72
11-1021	General and Operations Managers	\$24.03	\$46.26	\$28.74	\$44.89	\$66.80
19-3092	Geographers	\$16.34	\$25.10	\$17.18	\$28.49	\$32.01

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-1064	Geography Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-2042	Geoscientists, Except Hydrologists and Geographers	\$24.34	\$34.89	\$27.11	\$32.38	\$41.76
47-2121	Glaziers	\$14.74	\$24.39	\$16.39	\$23.60	\$32.67
25-1191	Graduate Teaching Assistants	(2)	(2)	(2)	(2)	(2)
27-1024	Graphic Designers	\$17.32	\$24.91	\$18.95	\$23.29	\$30.17
51-9022	Grinding and Polishing Workers, Hand	\$9.71	\$12.64	\$9.87	\$11.01	\$14.94
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$9.88	\$13.74	\$10.89	\$13.27	\$16.37
37-3019	Grounds Maintenance Workers, All Other	\$6.25*	\$9.21	\$6.25*	\$6.81	\$11.99
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$6.79	\$14.37	\$7.48	\$12.34	\$18.97
47-4041	Hazardous Materials Removal Workers	\$13.07	\$19.68	\$15.47	\$20.32	\$24.70
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$22.42	\$31.82	\$25.10	\$30.95	\$37.97
29-1199	Health Diagnosing and Treating Practitioners, All Other	\$25.04	(3)	\$29.39	\$53.85	>\$70.01
21-1091	Health Educators	\$13.17	\$23.00	\$14.02	\$20.53	\$29.84
25-1071	Health Specialties Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
29-0000	Healthcare Practitioners and Technical Occupations	\$16.68	\$30.28	\$20.06	\$29.15	\$36.62
31-0000	Healthcare Support Occupations	\$9.03	\$13.16	\$9.88	\$12.54	\$15.91
31-9099	Healthcare Support Workers, All Other	\$10.52	\$14.50	\$11.96	\$14.53	\$16.71
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	\$7.75	\$15.59	\$8.68	\$14.35	\$20.51
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$14.13	\$20.44	\$16.34	\$20.48	\$24.62

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-3019	Helpers, Construction Trades, All Other	\$7.84	\$10.26	\$7.81	\$8.58	\$12.97
47-3012	Helpers--Carpenters	\$10.84	\$13.50	\$11.60	\$13.30	\$15.62
47-3013	Helpers--Electricians	\$7.85	\$14.75	\$7.86	\$8.74	\$22.73
47-5081	Helpers--Extraction Workers	\$15.24	\$21.87	\$16.72	\$23.96	\$26.64
49-9098	Helpers--Installation, Maintenance, and Repair Workers	\$8.44	\$12.59	\$9.26	\$11.01	\$15.32
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	\$6.85	\$12.80	\$7.15	\$11.68	\$17.75
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	\$11.70	\$16.23	\$12.89	\$15.93	\$19.39
51-9198	Helpers--Production Workers	\$7.09	\$10.36	\$7.98	\$9.83	\$11.91
47-3016	Helpers--Roofers	\$9.13	\$13.42	\$10.42	\$13.11	\$16.84
47-4051	Highway Maintenance Workers	\$15.24	\$21.13	\$16.40	\$21.76	\$25.90
25-1125	History Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
49-9031	Home Appliance Repairers	\$9.70	\$20.88	\$12.06	\$20.13	\$30.96
31-1011	Home Health Aides	\$9.33	\$11.46	\$9.50	\$10.55	\$14.13
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$6.71	\$8.33	\$7.12	\$7.95	\$8.89
43-4081	Hotel, Motel, and Resort Desk Clerks	\$9.19	\$12.55	\$10.89	\$12.82	\$15.12
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$13.38	\$18.23	\$14.86	\$17.40	\$20.91
11-3040	Human Resources Managers	\$24.01	\$38.64	\$27.42	\$37.10	\$49.02
19-2043	Hydrologists	\$26.19	\$37.65	\$28.98	\$34.42	\$46.49
17-3026	Industrial Engineering Technicians	\$13.78	\$20.52	\$15.79	\$19.76	\$23.80
17-2112	Industrial Engineers	\$25.19	\$35.98	\$29.49	\$36.36	\$43.60

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
49-9041	Industrial Machinery Mechanics	\$15.45	\$20.76	\$17.85	\$21.27	\$24.86
11-3051	Industrial Production Managers	\$21.09	\$34.60	\$24.07	\$31.80	\$44.10
53-7051	Industrial Truck and Tractor Operators	\$11.94	\$16.87	\$13.57	\$16.13	\$19.08
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$6.65	\$12.10	\$7.33	\$10.79	\$15.44
49-0000	Installation, Maintenance, and Repair Occupations	\$11.86	\$19.83	\$14.31	\$20.09	\$25.41
49-9099	Installation, Maintenance, and Repair Workers, All Other	\$10.30	\$19.19	\$11.38	\$18.55	\$25.84
25-9031	Instructional Coordinators	\$13.28	\$23.97	\$14.93	\$20.58	\$33.64
13-1032	Insurance Appraisers, Auto Damage	\$19.13	\$25.20	\$19.87	\$23.04	\$31.78
43-9041	Insurance Claims and Policy Processing Clerks	\$13.40	\$21.87	\$14.93	\$18.38	\$28.70
41-3021	Insurance Sales Agents	\$15.58	\$28.46	\$17.37	\$22.70	\$35.41
13-2053	Insurance Underwriters	\$16.63	\$30.18	\$19.87	\$28.21	\$40.76
27-1025	Interior Designers	\$17.75	\$27.41	\$20.22	\$26.58	\$33.41
27-3091	Interpreters and Translators	\$10.07	\$14.76	\$10.76	\$13.92	\$17.05
43-4111	Interviewers, Except Eligibility and Loan	\$8.54	\$14.38	\$9.26	\$14.18	\$17.15
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$7.39	\$10.98	\$8.18	\$10.26	\$13.35
51-9071	Jewelers and Precious Stone and Metal Workers	\$8.66	\$13.63	\$9.93	\$12.59	\$17.80
51-5021	Job Printers	\$14.14	\$21.13	\$17.97	\$20.28	\$28.36
23-1023	Judges, Magistrate Judges, and Magistrates	\$49.17	\$51.15	\$48.58	\$52.04	\$55.49
25-2012	Kindergarten Teachers, Except Special Education	(2)	(2)	(2)	(2)	(2)
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$7.47	\$11.11	\$8.35	\$10.36	\$13.25

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
17-1012	Landscape Architects	\$18.09	\$27.47	\$20.00	\$25.24	\$33.22
37-3011	Landscaping and Groundskeeping Workers	\$8.23	\$12.85	\$9.10	\$11.91	\$16.25
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$13.84	\$19.66	\$15.14	\$18.59	\$23.86
51-6011	Laundry and Dry-Cleaning Workers	\$6.95	\$9.17	\$7.41	\$8.57	\$10.71
23-2092	Law Clerks	\$12.54	\$19.56	\$13.26	\$18.24	\$24.60
25-1112	Law Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
23-1011	Lawyers	\$33.97	\$51.84	\$39.47	\$52.47	\$68.78
51-4192	Lay-Out Workers, Metal and Plastic	\$9.13	\$20.58	\$10.00	\$20.64	\$31.51
23-0000	Legal Occupations	\$22.78	\$43.28	\$27.33	\$41.93	\$59.62
43-6012	Legal Secretaries	\$17.99	\$23.47	\$19.52	\$23.31	\$27.70
11-1031	Legislators	\$19.49	\$21.18	\$19.07	\$20.45	\$21.82
25-4021	Librarians	\$17.06	\$25.76	\$20.07	\$25.06	\$30.42
43-4121	Library Assistants, Clerical	\$7.04	\$11.61	\$7.95	\$11.12	\$14.85
25-4031	Library Technicians	\$12.75	\$16.41	\$14.58	\$16.57	\$19.07
29-2061	Licensed Practical and Licensed Vocational Nurses	\$15.78	\$19.53	\$17.45	\$19.61	\$21.58
19-1099	Life Scientists, All Other	\$15.05	\$23.58	\$16.95	\$21.16	\$27.63
19-0000	Life, Physical, and Social Science Occupations	\$15.97	\$30.14	\$18.83	\$27.87	\$37.80
19-4099	Life, Physical, and Social Science Technicians, All Other	\$12.79	\$18.04	\$13.83	\$16.38	\$21.02
13-2071	Loan Counselors	\$14.23	\$25.15	\$16.42	\$21.05	\$30.47
43-4131	Loan Interviewers and Clerks	\$13.70	\$22.02	\$15.97	\$20.78	\$30.14

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-2072	Loan Officers	\$19.61	\$38.96	\$21.86	\$33.43	\$60.55
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	\$6.79	\$9.70	\$7.47	\$9.27	\$11.07
49-9094	Locksmiths and Safe Repairers	\$8.65	\$15.26	\$9.50	\$15.83	\$20.00
11-9081	Lodging Managers	\$18.37	\$23.27	\$18.79	\$20.60	\$23.72
53-7063	Machine Feeders and Offbearers	\$6.42	\$10.76	\$6.94	\$9.36	\$13.34
51-4041	Machinists	\$8.02	\$16.06	\$8.49	\$14.00	\$23.46
37-2012	Maids and Housekeeping Cleaners	\$8.19	\$10.81	\$8.90	\$11.02	\$12.78
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$8.85	\$12.96	\$9.68	\$12.77	\$15.33
49-9042	Maintenance and Repair Workers, General	\$10.50	\$17.35	\$12.50	\$16.61	\$21.59
49-9043	Maintenance Workers, Machinery	\$13.29	\$23.27	\$15.84	\$24.79	\$28.63
39-5091	Makeup Artists, Theatrical and Performance	\$11.40	\$16.49	\$13.88	\$18.07	\$20.13
13-1111	Management Analysts	\$21.73	\$32.43	\$24.53	\$31.28	\$39.07
11-0000	Management Occupations	\$22.11	\$42.43	\$27.04	\$40.63	\$59.11
11-9199	Managers, All Other	\$23.04	\$40.69	\$27.66	\$39.65	\$53.43
39-5092	Manicurists and Pedicurists	\$6.25*	\$7.51	\$6.60	\$7.46	\$8.19
17-2121	Marine Engineers and Naval Architects	\$15.34	\$26.72	\$18.71	\$29.06	\$36.10
19-3021	Market Research Analysts	\$24.51	\$45.18	\$29.24	\$45.03	\$60.12
11-2021	Marketing Managers	\$26.26	\$45.68	\$30.81	\$44.92	\$59.72
21-1013	Marriage and Family Therapists	\$18.60	\$19.57	\$18.48	\$19.80	\$21.12
31-9011	Massage Therapists	\$6.25*	\$14.43	\$6.25*	\$7.90	\$23.93

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
53-7199	Material Moving Workers, All Other	\$8.78	\$16.03	\$9.76	\$16.06	\$21.72
17-2131	Materials Engineers	\$21.26	\$29.65	\$23.90	\$29.77	\$34.29
19-2032	Materials Scientists	\$29.81	\$37.93	\$32.49	\$37.81	\$43.85
25-1022	Mathematical Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	\$9.39	\$13.38	\$10.57	\$14.59	\$16.20
17-3013	Mechanical Drafters	\$18.73	\$24.35	\$20.00	\$24.07	\$28.60
17-3027	Mechanical Engineering Technicians	\$14.45	\$19.21	\$15.34	\$17.69	\$23.43
17-2141	Mechanical Engineers	\$24.04	\$32.52	\$25.98	\$31.44	\$37.50
27-4099	Media and Communication Equipment Workers, All Other	\$12.65	\$18.24	\$14.50	\$17.39	\$21.17
27-3099	Media and Communication Workers, All Other	\$12.95	\$22.46	\$16.01	\$21.11	\$26.95
29-2012	Medical and Clinical Laboratory Technicians	\$12.81	\$17.29	\$14.10	\$16.12	\$18.89
29-2011	Medical and Clinical Laboratory Technologists	\$22.45	\$27.51	\$23.84	\$28.22	\$32.05
11-9111	Medical and Health Services Managers	\$23.57	\$36.25	\$27.49	\$34.82	\$44.63
21-1022	Medical and Public Health Social Workers	\$13.07	\$21.14	\$14.52	\$20.11	\$28.55
31-9092	Medical Assistants	\$15.19	\$16.14	\$14.96	\$16.03	\$17.09
31-9093	Medical Equipment Preparers	\$14.72	\$16.97	\$15.29	\$16.82	\$18.97
49-9062	Medical Equipment Repairers	\$28.91	\$36.04	\$36.39	\$39.31	\$42.28
29-2071	Medical Records and Health Information Technicians	\$12.25	\$15.50	\$12.48	\$14.02	\$18.53
43-6013	Medical Secretaries	\$12.82	\$16.04	\$14.32	\$15.91	\$17.41
31-9094	Medical Transcriptionists	\$12.84	\$16.97	\$13.53	\$16.93	\$20.18

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-1121	Meeting and Convention Planners	\$16.31	\$26.30	\$18.87	\$26.73	\$32.41
21-1023	Mental Health and Substance Abuse Social Workers	\$13.10	\$19.60	\$14.44	\$18.70	\$24.35
21-1014	Mental Health Counselors	\$10.03	\$13.78	\$11.13	\$14.28	\$16.42
27-1026	Merchandise Displayers and Window Trimmers	\$7.22	\$14.45	\$8.30	\$14.44	\$19.43
51-4199	Metal Workers and Plastic Workers, All Other	\$8.47	\$16.07	\$9.67	\$16.18	\$21.50
43-5041	Meter Readers, Utilities	\$18.94	\$21.84	\$19.45	\$21.76	\$24.31
19-1022	Microbiologists	\$22.18	\$30.73	\$26.44	\$31.58	\$35.41
25-2022	Middle School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	\$11.45	\$15.94	\$13.57	\$16.16	\$19.13
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	\$28.24	(3)	\$32.50	\$42.20	>\$70.01
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$15.03	\$21.65	\$16.23	\$19.91	\$26.75
51-4061	Model Makers, Metal and Plastic	\$10.74	\$17.21	\$12.47	\$14.31	\$23.00
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	\$9.71	\$14.45	\$10.80	\$14.43	\$18.16
39-3021	Motion Picture Projectionists	\$7.67	\$17.03	\$8.90	\$15.23	\$25.33
53-3099	Motor Vehicle Operators, All Other	\$7.73	\$10.73	\$7.71	\$8.46	\$11.13
49-3051	Motorboat Mechanics	\$14.21	\$18.13	\$15.23	\$18.75	\$21.01
49-3052	Motorcycle Mechanics	\$14.56	\$18.25	\$15.26	\$17.55	\$20.58
27-1014	Multi-Media Artists and Animators	\$14.54	\$24.55	\$15.61	\$18.61	\$30.53
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$9.58	\$14.13	\$10.40	\$13.03	\$17.63

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
27-2041	Music Directors and Composers	(2)	(2)	(2)	(2)	(2)
27-2042	Musicians and Singers	(2)	(2)	(2)	(2)	(2)
11-9121	Natural Sciences Managers	\$27.57	\$40.37	\$31.35	\$39.36	\$50.09
15-1071	Network and Computer Systems Administrators	\$20.41	\$31.09	\$23.19	\$29.98	\$37.66
15-1081	Network Systems and Data Communications Analysts	\$21.26	\$36.34	\$24.45	\$29.70	\$44.99
43-4141	New Accounts Clerks	\$9.87	\$13.54	\$10.34	\$14.64	\$16.37
27-3020	News Analysts, Reporters and Correspondents	\$13.35	\$24.72	\$16.69	\$23.66	\$28.99
39-2021	Nonfarm Animal Caretakers	\$7.40	\$12.02	\$8.19	\$10.57	\$14.45
29-2033	Nuclear Medicine Technologists	\$26.23	\$29.83	\$28.30	\$30.73	\$33.32
51-4012	Numerical Tool and Process Control Programmers	\$15.89	\$22.52	\$17.76	\$22.63	\$27.07
31-1012	Nursing Aides, Orderlies, and Attendants	\$8.90	\$11.16	\$9.43	\$10.73	\$12.91
25-1072	Nursing Instructors and Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
29-9010	Occupational Health and Safety Specialists and Technicians	\$19.89	\$28.60	\$24.57	\$30.86	\$34.31
31-1012	Occupational Therapist Aides	\$10.36	\$14.39	\$11.00	\$12.75	\$14.37
31-2011	Occupational Therapist Assistants	\$18.94	\$21.87	\$19.49	\$22.14	\$24.89
29-1122	Occupational Therapists	\$24.12	\$30.82	\$27.47	\$31.26	\$34.20
3-0000	Office and Administrative Support Occupations	\$10.71	\$16.77	\$12.40	\$16.03	\$20.24
3-9061	Office Clerks, General	\$9.48	\$14.00	\$10.82	\$13.58	\$16.79
3-9071	Office Machine Operators, Except Computer	\$7.11	\$11.24	\$8.17	\$10.98	\$13.61
7-2073	Operating Engineers and Other Construction Equipment Operators	\$22.18	\$27.37	\$23.81	\$28.08	\$32.04

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
15-2031	Operations Research Analysts	\$21.40	\$34.17	\$24.68	\$31.50	\$40.15
51-9083	Ophthalmic Laboratory Technicians	\$14.37	\$16.55	\$15.23	\$16.79	\$18.15
29-2081	Opticians, Dispensing	\$13.18	\$16.25	\$13.87	\$16.09	\$18.15
29-1041	Optometrists	\$38.65	\$49.91	\$41.01	\$46.22	\$59.62
43-4151	Order Clerks	\$10.14	\$14.65	\$11.31	\$14.03	\$17.70
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	\$15.63	\$16.67	\$15.04	\$16.11	\$17.19
51-9111	Packaging and Filling Machine Operators and Tenders	\$7.88	\$10.26	\$8.49	\$9.83	\$11.06
53-7064	Packers and Packagers, Hand	\$7.16	\$9.56	\$7.58	\$8.77	\$11.08
47-2141	Painters, Construction and Maintenance	\$11.86	\$17.67	\$13.20	\$16.31	\$22.19
51-9122	Painters, Transportation Equipment	\$14.12	\$20.75	\$15.44	\$22.22	\$26.04
51-9123	Painting, Coating, and Decorating Workers	\$8.83	\$13.05	\$9.69	\$12.35	\$15.79
51-9196	Paper Goods Machine Setters, Operators, and Tenders	\$7.58	\$12.03	\$8.03	\$10.16	\$16.29
47-2142	Paperhangers	\$17.10	\$22.03	\$18.30	\$23.04	\$25.87
23-2011	Paralegals and Legal Assistants	\$16.86	\$24.90	\$19.09	\$24.19	\$29.91
33-3041	Parking Enforcement Workers	\$13.06	\$19.33	\$15.44	\$18.99	\$21.80
53-6021	Parking Lot Attendants	\$6.33	\$10.43	\$6.87	\$9.72	\$13.22
41-2022	Parts Salespersons	\$10.67	\$16.50	\$12.39	\$16.50	\$20.38
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$12.63	\$16.70	\$13.38	\$15.95	\$19.39
43-3051	Payroll and Timekeeping Clerks	\$13.17	\$19.10	\$15.06	\$17.97	\$21.69
39-9021	Personal and Home Care Aides	\$6.56	\$8.14	\$7.13	\$8.07	\$8.96

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
39-0000	Personal Care and Service Occupations	\$7.36	\$15.19	\$8.21	\$12.00	\$17.64
39-9099	Personal Care and Service Workers, All Other	\$8.53	\$12.50	\$9.80	\$12.37	\$14.74
13-2052	Personal Financial Advisors	\$23.16	\$41.18	\$25.75	\$37.14	\$56.92
37-2021	Pest Control Workers	\$9.08	\$12.20	\$10.19	\$12.38	\$14.38
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	\$12.47	\$16.46	\$14.07	\$16.81	\$19.59
17-2171	Petroleum Engineers	\$39.45	\$40.24	\$38.10	\$40.64	\$43.18
29-1051	Pharmacists	\$31.67	\$38.31	\$37.54	\$40.69	\$43.84
31-9095	Pharmacy Aides	\$8.62	\$12.26	\$9.55	\$11.96	\$15.14
29-2052	Pharmacy Technicians	\$12.26	\$16.65	\$13.32	\$15.70	\$18.15
25-1126	Philosophy and Religion Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-4021	Photographers	\$6.53	\$14.58	\$7.12	\$11.51	\$17.45
51-9131	Photographic Process Workers	\$10.11	\$19.21	\$12.10	\$18.86	\$24.01
51-9132	Photographic Processing Machine Operators	\$9.56	\$11.18	\$9.49	\$10.33	\$11.73
19-2099	Physical Scientists, All Other	\$21.53	\$31.22	\$26.67	\$31.42	\$35.20
31-2022	Physical Therapist Aides	\$8.64	\$13.57	\$9.26	\$10.99	\$16.89
31-2021	Physical Therapist Assistants	\$15.15	\$21.10	\$18.18	\$21.46	\$25.48
29-1123	Physical Therapists	\$25.81	\$30.63	\$27.44	\$30.88	\$34.01
29-1071	Physician Assistants	\$17.07	\$28.90	\$26.52	\$31.87	\$35.75
19-2012	Physicists	\$24.07	\$38.71	\$31.03	\$39.81	\$48.28
25-1054	Physics Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-2151	Pipelayers	\$13.89	\$21.04	\$15.69	\$19.99	\$24.41
51-8099	Plant and System Operators, All Other	\$12.78	\$22.91	\$15.70	\$21.61	\$31.77
47-2161	Plasterers and Stucco Masons	\$17.94	\$23.68	\$23.10	\$25.35	\$27.60
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	\$9.97	\$15.38	\$10.76	\$14.12	\$19.84
47-2152	Plumbers, Pipefitters, and Steamfitters	\$16.57	\$27.45	\$21.46	\$26.58	\$37.10
33-3051	Police and Sheriff's Patrol Officers	\$24.15	\$31.55	\$26.64	\$31.70	\$36.60
43-5031	Police, Fire, and Ambulance Dispatchers	\$13.60	\$18.99	\$15.59	\$19.58	\$22.15
25-1065	Political Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
43-5051	Postal Service Clerks	\$18.06	\$19.17	\$18.24	\$19.59	\$20.93
43-5052	Postal Service Mail Carriers	\$17.74	\$19.05	\$18.10	\$19.48	\$20.86
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$12.42	\$15.89	\$12.77	\$15.47	\$19.37
25-1099	Postsecondary Teachers, All Other	\$27.00	\$35.24	\$30.60	\$37.22	\$41.82
25-1199	Postsecondary Teachers, All Other	(2)	(2)	(2)	(2)	(2)
49-9069	Precision Instrument and Equipment Repairers, All Other	\$22.56	\$28.62	\$26.12	\$30.14	\$33.41
51-5022	Prepress Technicians and Workers	\$13.72	\$24.02	\$16.54	\$23.57	\$29.65
25-2011	Preschool Teachers, Except Special Education	\$9.09	\$13.06	\$10.12	\$12.49	\$15.71
51-6021	Pressers, Textile, Garment, and Related Materials	\$7.93	\$10.19	\$8.97	\$9.97	\$10.95
51-5023	Printing Machine Operators	\$11.88	\$19.51	\$13.91	\$18.77	\$24.29
33-9021	Private Detectives and Investigators	\$14.47	\$24.69	\$16.80	\$21.95	\$28.98

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-3061	Procurement Clerks	\$12.03	\$17.42	\$13.76	\$16.81	\$20.58
27-2012	Producers and Directors	(2)	(2)	(2)	(2)	(2)
51-0000	Production Occupations	\$7.28	\$14.19	\$8.23	\$11.53	\$18.21
51-9199	Production Workers, All Other	\$6.85	\$10.90	\$7.39	\$8.99	\$12.95
43-5061	Production, Planning, and Expediting Clerks	\$12.09	\$18.50	\$13.51	\$17.11	\$21.25
43-9081	Proofreaders and Copy Markers	\$8.79	\$13.71	\$9.98	\$13.14	\$16.74
11-9141	Property, Real Estate, and Community Association Managers	\$6.25*	\$18.12	\$6.25*	\$6.69	\$27.04
33-0000	Protective Service Occupations	\$9.45	\$20.44	\$10.83	\$17.22	\$29.68
33-9099	Protective Service Workers, All Other	\$8.28	\$14.18	\$9.21	\$10.69	\$19.01
29-2053	Psychiatric Technicians	\$15.57	\$16.87	\$15.04	\$16.16	\$17.29
29-1066	Psychiatrists	\$35.72	\$55.29	\$52.34	\$59.62	\$59.63
25-1066	Psychology Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
11-2031	Public Relations Managers	\$24.46	\$36.46	\$27.78	\$34.11	\$43.14
27-3031	Public Relations Specialists	\$17.61	\$26.57	\$19.88	\$24.94	\$31.93
13-1021	Purchasing Agents and Buyers, Farm Products	\$11.67	\$30.57	\$15.26	\$26.53	\$49.31
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$16.64	\$23.52	\$18.39	\$22.60	\$28.12
11-3061	Purchasing Managers	\$17.41	\$30.78	\$19.97	\$28.09	\$38.78
27-4013	Radio Operators	\$13.16	\$18.75	\$15.35	\$18.51	\$22.94
29-2034	Radiologic Technologists and Technicians	\$18.89	\$25.45	\$20.71	\$25.65	\$30.93
11-9021	Real Estate Brokers	\$6.25*	\$16.54	\$6.25*	\$7.07	\$24.25

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
41-9022	Real Estate Sales Agents	\$6.25*	\$20.32	\$6.67	\$11.00	\$27.93
43-4171	Receptionists and Information Clerks	\$8.87	\$13.10	\$10.33	\$13.12	\$15.84
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
39-9032	Recreation Workers	\$7.62	\$11.23	\$8.55	\$10.37	\$13.04
53-7081	Refuse and Recyclable Material Collectors	\$10.19	\$18.73	\$14.43	\$20.53	\$23.98
29-1111	Registered Nurses	\$24.98	\$31.68	\$27.91	\$32.00	\$36.12
21-1015	Rehabilitation Counselors	\$8.21	\$13.47	\$8.83	\$12.49	\$16.57
39-9041	Residential Advisors	\$6.91	\$9.99	\$7.81	\$9.83	\$11.27
29-1126	Respiratory Therapists	\$19.12	\$24.42	\$20.49	\$24.08	\$28.29
41-2031	Retail Salespersons	\$7.16	\$11.29	\$7.76	\$9.45	\$12.25
49-9096	Riggers	\$17.30	\$21.10	\$18.92	\$21.18	\$24.51
47-2181	Roofers	\$11.64	\$20.10	\$14.17	\$21.16	\$26.09
41-0000	Sales and Related Occupations	\$7.84	\$18.36	\$8.76	\$12.76	\$21.80
41-9099	Sales and Related Workers, All Other	\$11.74	\$24.55	\$14.74	\$21.61	\$32.16
41-9031	Sales Engineers	\$22.05	\$33.46	\$24.71	\$31.43	\$40.59
11-2022	Sales Managers	\$27.12	\$45.30	\$32.04	\$44.27	\$59.11
41-3099	Sales Representatives, Services, All Other	\$15.99	\$22.34	\$17.91	\$20.27	\$25.76
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Product	\$12.54	\$26.50	\$15.04	\$22.40	\$34.37
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$15.71	\$36.70	\$18.80	\$32.32	\$52.91

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$8.88	\$12.60	\$9.66	\$12.38	\$15.62
25-2031	Secondary School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)
43-6014	Secretaries, Except Legal, Medical, and Executive	\$11.98	\$17.16	\$13.77	\$16.88	\$20.85
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$19.55	(3)	\$23.06	\$42.73	>\$70.01
49-2098	Security and Fire Alarm Systems Installers	\$17.60	\$26.57	\$23.29	\$26.25	\$29.23
33-9032	Security Guards	\$8.12	\$11.02	\$9.11	\$10.88	\$12.81
25-3021	Self-Enrichment Education Teachers	\$10.20	\$17.64	\$12.68	\$16.74	\$21.00
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and	\$9.35	\$14.19	\$10.76	\$12.95	\$16.89
53-6031	Service Station Attendants	\$7.76	\$9.32	\$7.67	\$8.40	\$9.99
27-1027	Set and Exhibit Designers	\$14.65	\$28.52	\$17.15	\$30.84	\$37.15
51-6051	Sewers, Hand	\$6.45	\$9.28	\$6.95	\$8.74	\$10.69
51-6031	Sewing Machine Operators	\$6.25*	\$8.38	\$6.25*	\$6.75	\$8.57
9-5093	Shampooers	\$6.25*	\$6.97	\$6.25*	\$6.50	\$7.14
7-2211	Sheet Metal Workers	\$16.68	\$26.69	\$18.92	\$24.49	\$34.34
3-5071	Shipping, Receiving, and Traffic Clerks	\$9.22	\$13.68	\$10.29	\$13.30	\$16.43
1-6041	Shoe and Leather Workers and Repairers	\$6.77	\$18.31	\$7.05	\$16.37	\$29.27
9-5094	Skin Care Specialists	\$8.56	\$16.11	\$10.16	\$13.63	\$21.11
9-1012	Slot Key Persons	\$7.19	\$16.04	\$7.84	\$14.33	\$21.87
1-9151	Social and Community Service Managers	\$15.25	\$24.18	\$17.25	\$23.09	\$28.69
-1093	Social and Human Service Assistants	\$9.31	\$14.02	\$10.41	\$13.05	\$16.75

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
19-3099	Social Scientists and Related Workers, All Other	\$17.78	\$28.19	\$22.19	\$27.51	\$34.60
25-1067	Sociology Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-4014	Sound Engineering Technicians	\$15.62	\$30.56	\$20.35	\$31.01	\$40.46
25-2042	Special Education Teachers, Middle School	(2)	(2)	(2)	(2)	(2)
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	(2)	(2)	(2)	(2)	(2)
25-2043	Special Education Teachers, Secondary School	(2)	(2)	(2)	(2)	(2)
29-1127	Speech-Language Pathologists	\$21.89	\$29.34	\$25.78	\$30.53	\$34.22
51-8021	Stationary Engineers and Boiler Operators	\$23.46	\$29.49	\$27.18	\$30.91	\$33.81
43-9111	Statistical Assistants	\$14.88	\$18.06	\$15.09	\$16.41	\$17.95
15-2041	Statisticians	\$29.77	\$36.23	\$31.07	\$35.32	\$40.72
43-5081	Stock Clerks and Order Fillers	\$7.84	\$12.78	\$8.73	\$12.00	\$17.08
47-2022	Stonemasons	\$16.02	\$22.57	\$17.96	\$24.83	\$27.05
47-2221	Structural Iron and Steel Workers	\$10.83	\$18.52	\$12.75	\$17.24	\$24.67
51-2041	Structural Metal Fabricators and Fitters	\$10.94	\$15.30	\$12.05	\$15.31	\$18.36
21-1011	Substance Abuse and Behavioral Disorder Counselors	\$11.37	\$14.92	\$12.41	\$14.11	\$17.24
29-2055	Surgical Technologists	\$14.22	\$18.82	\$15.82	\$19.00	\$21.60
19-3022	Survey Researchers	\$7.83	\$11.65	\$8.04	\$9.34	\$10.86
17-3031	Surveying and Mapping Technicians	\$21.82	\$31.43	\$24.24	\$28.34	\$34.69
17-1022	Surveyors	\$18.85	\$25.82	\$22.46	\$26.19	\$31.02
43-2011	Switchboard Operators, Including Answering Service	\$11.02	\$14.91	\$12.24	\$14.27	\$16.51

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-6052	Tailors, Dressmakers, and Custom Sewers	\$8.46	\$16.95	\$10.35	\$15.63	\$19.38
53-7121	Tank Car, Truck, and Ship Loaders	\$10.15	\$14.81	\$10.08	\$11.09	\$15.47
47-2082	Tapers	\$16.85	\$26.18	\$20.23	\$29.44	\$32.85
13-2081	Tax Examiners, Collectors, and Revenue Agents	\$21.83	\$29.72	\$24.21	\$29.94	\$36.02
13-2082	Tax Preparers	\$7.00	\$25.22	\$7.80	\$17.73	\$37.89
53-3041	Taxi Drivers and Chauffeurs	\$8.50	\$13.15	\$8.96	\$10.85	\$17.94
25-9041	Teacher Assistants	(2)	(2)	(2)	(2)	(2)
51-2092	Team Assemblers	\$7.53	\$10.65	\$7.81	\$9.03	\$12.74
27-3042	Technical Writers	\$24.32	\$38.19	\$28.14	\$35.33	\$44.96
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$16.67	\$22.33	\$19.09	\$23.73	\$26.42
49-9052	Telecommunications Line Installers and Repairers	\$13.70	\$20.09	\$15.63	\$20.67	\$25.18
41-9041	Telemarketers	\$7.23	\$12.87	\$8.28	\$10.92	\$15.50
43-2021	Telephone Operators	\$14.74	\$15.96	\$15.01	\$16.16	\$17.30
43-3071	Tellers	\$8.86	\$11.32	\$9.50	\$11.08	\$12.91
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	\$6.97	\$8.22	\$7.25	\$7.98	\$8.72
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	\$7.51	\$9.97	\$8.07	\$9.47	\$10.79
51-6099	Textile, Apparel, and Furnishings Workers, All Other	\$6.25*	\$10.45	\$6.39	\$7.25	\$15.66
47-2044	Tile and Marble Setters	\$12.89	\$19.96	\$13.54	\$19.92	\$25.27
49-3093	Tire Repairers and Changers	\$9.72	\$12.86	\$10.29	\$12.41	\$15.12
23-2093	Title Examiners, Abstractors, and Searchers	\$13.94	\$24.31	\$16.33	\$22.29	\$29.46

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-4111	Tool and Die Makers	\$14.58	\$21.16	\$16.37	\$21.19	\$26.05
51-4194	Tool Grinders, Filers, and Sharpeners	\$9.86	\$10.49	\$9.56	\$10.33	\$11.10
39-6021	Tour Guides and Escorts	\$6.25*	\$11.13	\$6.64	\$10.01	\$12.95
13-1073	Training and Development Specialists	\$15.32	\$25.10	\$17.60	\$23.42	\$29.68
53-0000	Transportation and Material Moving Occupations	\$7.96	\$15.47	\$8.92	\$12.12	\$17.24
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	\$11.49	\$16.71	\$13.56	\$18.29	\$20.38
11-3071	Transportation, Storage, and Distribution Managers	\$20.31	\$30.49	\$22.94	\$29.97	\$37.33
41-3041	Travel Agents	\$8.71	\$16.25	\$11.22	\$15.31	\$19.96
39-6022	Travel Guides	\$10.82	\$14.11	\$11.40	\$13.18	\$16.06
37-3013	Tree Trimmers and Pruners	\$12.86	\$15.16	\$13.00	\$14.44	\$17.06
53-3032	Truck Drivers, Heavy and Tractor-Trailer	\$14.17	\$18.52	\$15.72	\$18.81	\$21.38
53-3033	Truck Drivers, Light or Delivery Services	\$8.77	\$12.88	\$9.97	\$12.52	\$14.71
51-6093	Upholsterers	\$16.75	\$20.49	\$18.88	\$20.83	\$22.68
19-3051	Urban and Regional Planners	\$22.50	\$29.67	\$24.47	\$28.63	\$34.39
39-3031	Ushers, Lobby Attendants, and Ticket Takers	\$7.21	\$11.23	\$7.42	\$8.31	\$17.15
29-1131	Veterinarians	\$24.90	\$42.45	\$28.73	\$35.35	\$59.62
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	\$7.66	\$10.25	\$8.11	\$9.54	\$11.98
29-2056	Veterinary Technologists and Technicians	\$10.89	\$14.17	\$11.60	\$14.13	\$16.59
25-2023	Vocational Education Teachers, Middle School	(2)	(2)	(2)	(2)	(2)
25-1194	Vocational Education Teachers, Postsecondary	\$16.56	\$29.09	\$18.18	\$24.07	\$40.44

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-2032	Vocational Education Teachers, Secondary School	(2)	(2)	(2)	(2)	(2)
35-3031	Waiters and Waitresses	\$6.25*	\$7.41	\$6.25*	\$6.51	\$7.50
49-9064	Watch Repairers	\$7.67	\$10.90	\$8.15	\$9.50	\$14.09
51-8031	Water and Liquid Waste Treatment Plant and System Operators	\$16.45	\$23.10	\$18.22	\$23.45	\$27.15
51-4121	Welders, Cutters, Solderers, and Brazers	\$9.05	\$16.92	\$10.08	\$13.44	\$23.59
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$12.03	\$16.25	\$14.16	\$16.19	\$18.98
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$14.35	\$25.34	\$16.52	\$22.11	\$30.96
51-7099	Woodworkers, All Other	\$7.86	\$9.08	\$7.49	\$8.00	\$8.50
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$7.01	\$10.93	\$7.98	\$11.43	\$13.25
43-9022	Word Processors and Typists	\$13.01	\$18.10	\$14.71	\$18.12	\$21.70
27-3043	Writers and Authors	\$19.59	(3)	\$22.50	\$32.54	>\$70.01
19-1023	Zoologists and Wildlife Biologists	\$12.22	\$16.64	\$12.88	\$15.02	\$17.46

Data

(1) The mean of the first third of the wage distribution is provided as a proxy for entry-level wage.

(2) For some occupations, workers may not work full-time all year-round. For these occupations it is not feasible to calculate an hourly wage.

(3) For occupations where a substantial portion of workers earn more than \$70.01 per hour (the top step in the 2000 OES survey), the mean hourly and annual wages cannot be reliably calculated.

* The survey reference date was in the fourth quarter of 2000, when the California minimum wage was \$5.75 per hour. Since these wages were updated to 2001, and the minimum wage changed to \$6.25 per hour on January 1, 2001, wages below \$6.25 were set to \$6.25 per hour. Starting January 1, 2002, the California minimum wage is \$6.75 per hour.

Source: Employment Development Department
Labor Market Information Division
(916) 262-2162

Projections & Planning Information

Module F:

Social & Economic Data

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Introduction To Social And Economic Data Tables

The data for the Social and Economic Data Tables were developed from a variety of sources to aid local organizations in identifying target group needs and in making appropriate resource allocations for employment and training activities.

Terms expressed in these tables are those commonly used by the U.S. Department of Commerce, the Bureau of the Census and the various state agencies which supplied the data. (The specified source of the data is noted at the bottom of each table.) To aid users of this publication, these terms are defined in the *Explanation of Terms and Concepts* section at the back of this packet.

Automated Access

Electronic access to current data is available through the Employment Development Department's Internet address at:

<http://www.calmis.ca.gov>

For technical assistance or additional information about the Employment Development Department's Labor Market Information Division Internet website, please call (916) 262-2162 or FAX (916) 262-2443 to order other publications.

THE HISTORY OF THE

REIGN OF KING CHARLES THE FIRST

IN WHICH ARE CONTAINED
THE
MOST IMPORTANT
EVENTS OF HIS REIGN
FROM THE BEGINNING OF HIS
MAYESTY'S REIGN
UNTIL HIS DEATH
IN THE YEAR 1649
BY
JOHN BURNET
BISHOP OF SALISBURY

TABLE 1
PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM
1999 - 2001
SAN FRANCISCO COUNTY

Recipients by Program	July			CALIFORNIA July 2001
	1999	2000	2001	
California Work Opportunity and Responsibility To Kids (CalWORKs) (a)	23,538	17,641	14,296	1,430,006
Adults	7,354	4,972	4,068	341,598
Children	16,184	12,669	10,228	1,088,408
Food Stamps (b)	24,127	20,537	19,540	1,517,432
General Relief (c)	10,264	7,890	7,758	88,801
Refugee Cash Assistance (d)	17	20	29	1,586
Welfare to Work (e)	N/A	4,660	3,851	294,687

Source: California Department of Social Services

To access detailed reports for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>

CalWORKs: see report CA 237; Food Stamps: see report DFA 256;

General Relief: see report GR 237; Welfare to Work: see reports WTW 25 and WTW 25A.

(a) Data include foster care children.

(b) Includes those persons receiving public assistance payments and those not receiving public assistance payments.

(c) General Relief data are for March 2001. Data for July 2001 were not available.

(d) Refugee Cash Assistance data are for the third quarter and exclude CalWORKs recipients.

(e) With the passage of the Federal Personal Responsibility and Work Opportunity Act of 1996 and California's subsequent implementation of the California Work Opportunity and Responsibility to Kids Act (CalWORKs), the requirement for recipients of aid to participate in work related activities increased significantly. This number represents the number of CalWORKs recipients who have been enrolled or have been sent a notice to participate in Welfare to Work activities. These individuals may be required to participate or be willing to participate in these activities.

TABLE 2
PUBLIC ASSISTANCE RECIPIENTS (CalWORKs)
CHARACTERISTICS OF RECIPIENTS 16 YEARS AND OLDER
1999 - 2001
SAN FRANCISCO COUNTY

Characteristics	July		
	1999	2000	2001
Total Recipients 16+ (a) (b)	8,150	6,110	4,950
Male	1,560	1,170	950
Female	6,590	4,940	4,000
16-20	1,720	1,290	1,040
21-44	5,810	4,350	3,530
45-54	500	370	300
55+	130	100	80
White (Not Hispanic)	1,040	550	570
Black (Not Hispanic)	4,100	3,280	2,650
Hispanic	1,040	740	590
Asian & Pacific Islander	1,760	1,380	1,020
American Indian	30	30	20
Filipino	170	130	90

CALIFORNIA
July 2001
495,250
94,830
400,570
104,480
352,970
30,230
7,730
125,610
112,500
212,560
37,890
3,710
2,980

(CalWORKs) California Work Opportunity And Responsibility To Kids

Source: California Department of Social Services; U.S. Department of Commerce, Bureau of the Census; Detailed data by sex, age, and race/ethnicity are extrapolations based on aggregate figures provided by the Department of Social Services.

To access the detailed report for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>
 See report ABCD 350.

(a) Includes children in Two Parent, Zero Parent, All Others and Foster Care cases.

(b) Detail may not add to total due to independent rounding.

TABLE 3
Occupations With The Greatest Absolute Job Growth (1)
1997 - 2004
SAN FRANCISCO COUNTY

SOC CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	MEDIAN HOURLY WAGE (3)
		1997(2)	2004			
4111	SALESPERSONS, RETAIL	16,610	18,960	2,350	14.1	\$9.45
105	GENERAL MANAGERS, TOP EXECUTIVES	17,870	19,710	1,840	10.3	(4)
4023	CASHIERS	8,850	10,460	1,610	18.2	\$8.79
202	SYSTEMS ANALYSTS--ELEC DATA PROC	3,540	5,120	1,580	44.6	\$34.12
204	COMPUTER SUPPORT SPECIALISTS	3,360	4,730	1,370	40.8	\$25.19
408	WAITERS AND WAITRESSES	10,410	11,590	1,180	11.3	\$6.51
208	LAWYERS	7,040	8,210	1,170	16.6	\$52.47
447	GENERAL OFFICE CLERKS	17,810	18,860	1,050	5.9	\$13.58
505	JANITORS, CLEANERS--EXCEPT MAIDS	9,330	10,370	1,040	11.1	\$10.26
505	RECEPTIONISTS, INFORMATION CLERKS	7,350	8,280	930	12.7	\$13.12
47	GUARDS AND WATCH GUARDS	5,970	6,800	830	13.9	\$10.88
227	COMPUTER ENGINEERS	2,080	2,870	790	38.0	\$39.36
205	PARALEGAL PERSONNEL	1,950	2,720	770	39.5	\$24.19
3105	TEACHERS--ELEMENTARY SCHOOL	3,490	4,230	740	21.2	(5)
526	COOKS--RESTAURANT	4,860	5,580	720	14.8	\$10.89
541	COMBINED FOOD PREP AND SERVICE	6,400	7,100	700	10.9	\$9.10
311	MKTING, ADV, PUB-REL MANAGERS	4,410	5,070	660	15.0	(6)
302	FINANCIAL MANAGERS	5,150	5,730	580	11.3	\$41.87
926	TELEMARKETERS, SOLICITORS & RELATED	2,080	2,650	570	27.4	\$10.92
702	MAIDS AND HOUSEKEEPING CLEANERS	6,020	6,550	530	8.8	\$11.02

Source: Employment Development Department, Labor Market Information Division,
Information Services Group and Occupational Employment Statistics Group

Occupational Projections and OES Wages available online at www.calmis.ca.gov

March 1998 Benchmark

Median Hourly Wage is for the San Francisco Metropolitan Statistical Area (MSA), which includes
Marin, San Francisco, and San Mateo Counties.

General Managers, Top Executives - Include the following Occupations:

Chief Executives, SOC Code 11-1011, Median Hourly Wage >\$70.01;

Farm, Ranch and Other Agricultural Managers, SOC Code 11-9011, Median Hourly Wage \$23.94;

Business Managers, SOC Code 11-2022, Median Hourly Wage \$44.27;

Marketing Managers, SOC Code 11-9071, Median Hourly Wage \$36.78

For some occupations, workers may not work full-time all year-round. For these occupations it is not
feasible to calculate an hourly wage.

Marketing, Advertising, and Public Relations Managers - Include the following Occupations:

Marketing Managers, SOC Code 11-2021, Median Hourly Wage \$44.92;

Advertising and Promotions Managers, SOC Code 11-2011, Median Hourly Wage \$33.42;

Public Relations Managers, SOC Code 11-2031, Median Hourly Wage \$34.11

TABLE 4
LOWER LIVING STANDARD INCOME LEVELS
AND POVERTY GUIDELINES
2001

SAN DIEGO METROPOLITAN STATISTICAL AREA

San Diego							
Annual Family Income	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% Lower Living Standard Income Levels (a)	\$8,160	\$13,370	\$18,360	\$22,660	\$26,740	\$31,280	\$4,540
Poverty Guidelines (a)	\$8,590 (b)	\$11,610	\$14,630	\$17,650	\$20,670	\$23,690	\$3,020

LOS ANGELES/RIVERSIDE/ORANGE COUNTY METROPOLITAN STATISTICAL AREA

Anaheim	Los Angeles County					San Bernardino Co.	
Carson/Lomita/Torrance	Orange County					SELACO	
Foothill	Riverside County					South Bay	
Long Beach	Santa Ana					Ventura	
Los Angeles City	San Bernardino City					Verdugo	
Annual Family Income	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% Lower Living Standard Income Levels (a)	\$7,670	\$12,570	\$17,250	\$21,290	\$25,130	\$29,390	\$4,260
Poverty Guidelines (a)	\$8,590 (b)	\$11,610	\$14,630	\$17,650	\$20,670	\$23,690	\$3,020

SAN FRANCISCO/OAKLAND/SAN JOSE METROPOLITAN STATISTICAL AREA

Alameda		Oakland		Santa Cruz			
Contra Costa		Richmond		Solano			
Marin		San Francisco		Sonoma			
Napa		San Jose					
NOVA		San Mateo					
Annual Family Income	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% Lower Living Standard Income Levels (a)	\$8,190	\$13,430	\$18,430	\$22,750	\$26,850	\$31,400	\$4,550
Poverty Guidelines (a)	\$8,590 (b)	\$11,610	\$14,630	\$17,650	\$20,670	\$23,690	\$3,020

TABLE 4
LOWER LIVING STANDARD INCOME LEVELS
AND POVERTY GUIDELINES
2001

OTHER METROPOLITAN AREAS							
Fresno	NoRTEC					Stanislaus	
Golden Sierra	North Central					Tulare	
Kern/Inyo/Mono	Sacramento					Yolo	
Merced	San Joaquin						
Monterey	Santa Barbara						
Annual Family Income	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% Lower Living Standard Income Levels (a)	\$7,620	\$12,490	\$17,140	\$21,160	\$24,970	\$29,210	\$4,240
Poverty Guidelines (a)	\$8,590 (b)	\$11,610	\$14,630	\$17,650	\$20,670	\$23,690	\$3,020

NONMETROPOLITAN AREAS							
Humboldt	Madera			San Benito			
Imperial	Mendocino			San Luis Obispo			
Kings	Mother Lode						
Annual Family Income	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% Lower Living Standard Income Levels (a)	\$7,390	\$12,110	\$16,620	\$20,510	\$24,210	\$28,310	\$4,100
Poverty Guidelines (a)	\$8,590 (b)	\$11,610	\$14,630	\$17,650	\$20,670	\$23,690	\$3,020

Source: U.S. Department of Labor and U.S. Department of Health and Human Services

(a) When compared to an individual's family income, for the six month period immediately preceding application for Workforce Investment Act (WIA) Title I programs, the higher of either the 70% Lower Living Standard Income Level (LLSIL) or the Poverty Guideline is used as a measure that qualifies that individual for economically disadvantaged status.

(b) Exceeds the 70% Lower Living Standard Income Level.

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: SAN FRANCISCO CITY AND COUNTY

JURISDICTIONS INCLUDED: SAN FRANCISCO CITY AND COUNTY--CONSORTIUM

1990 CENSUS (1)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES

9.7

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (2)

	14 - 15 (3)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	2,886	100.0	7,654	100.0	48,752	100.0	12,278	100.0	68,684	100.0
BY RACE:										
WHITE NOT HISPANIC	316	11.0	1,565	20.4	17,304	35.5	4,304	35.1	23,173	33.7
BLACK NOT HISPANIC	853	29.6	1,768	23.1	9,726	20.0	2,017	16.4	13,511	19.7
AMERICAN INDIAN NOT HISPANIC	0	0	76	1.0	312	0.6	42	0.3	430	0.6
ASIAN NOT HISPANIC	1,138	39.4	2,192	28.6	12,126	24.9	4,557	37.1	18,875	27.5
PACIFIC ISLAND NOT HISPANIC	140	4.9	76	1.0	138	0.3	0	0	214	0.3
HISPANIC	438	15.2	1,978	25.8	9,146	18.8	1,359	11.1	12,483	18.2
BY SEX:										
MALE	1,248	43.3	3,681	48.1	23,118	47.4	4,865	39.6	31,664	46.1
FEMALE	1,638	56.7	3,973	51.9	25,634	52.6	7,413	60.4	37,020	53.9
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	182	6.3	1,445	18.9	14,264	29.3	6,667	54.3	22,376	32.6
GRADUATES	0	0	387	5.1	17,140	35.2	2,496	20.3	20,023	29.2
STUDENTS	1,200	41.6	2,590	33.8	1,332	2.7	233	1.9	4,155	6.0
DISABLED	116	4.0	715	9.3	8,603	17.6	4,222	34.4	13,540	19.7
LIMITED ENGLISH PROF	522	18.1	1,205	15.7	10,601	21.7	4,801	39.1	16,607	24.2

JANUARY 9, 2002

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (4)

EMPLOYED	427,678
UNEMPLOYED	20,742
UNEMPLOYMENT RATE	4.6
NOT IN LABOR FORCE (5)	226,982

2001 VETERANS

TOTAL VETERANS (6)	47,796
VIETNAM ERA VETERANS (6)	15,405
DISABLED VETERANS (7)	5,892
RECENTLY SEPARATED VETERANS (8)	1,069

OFFENDERS (9) 15,000

% OF PEOPLE IN POVERTY: SAN FRANCISCO COUNTY, 1998 (10) 11.7

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

Footnotes and data sources:

Source: Employment Development Department, Labor Market Information Division,
 Current Economic Statistics Group.

Note: Data provided are the most recent available data.

- (1) Based on poverty data from the 1990 census. The 2000 census data will not be available until 2003. The economically disadvantaged population was provided by the Employment and Training Administration from a custom tabulation provided by the United States Bureau of Census.
- (2) Data for each characteristic in this section were derived by an independent estimating process using census summary data and census public use micro sample. Totals may not match other data from the same sources.
- (3) Data are not included in **Total 16 - 72** column.
- (4) Labor force in this category refers to civilian labor force (16 years and older). This category includes, but is not limited to, the economically disadvantaged. Labor Force data are based on preliminary data (12/00 - 11/01), 3/00 benchmark.
- (5) Not in labor force (16 years and older) are those who are not employed and not actively seeking employment. This category includes, but is not limited to, the economically disadvantaged. Not in labor force data are based on preliminary labor force data (12/00 - 11/01), Department of Finance populations estimates as of 1/01 and working age populations from 1990 census data.
- (6) Department of Veteran Affairs, July 1, 2001, Washington, D.C.
- (7) Department of Veteran Affairs, September 2000, Washington, D.C.
 Data from 2001 was not available.
- (8) Department of Veteran Affairs, July 1, 2000, Washington, D.C.
 Data from 2001 was not available.
- (9) 2000 Criminal Justice Profile, California Department of Justice.
- (10) U.S. Census Bureau, December 2001. County Estimates for People of All Ages in Poverty by County: California 1998 (Estimates model 1998 income reported in the March 1999 Current Population Survey.)

TABLE 6
PROFILE OF GENERAL DEMOGRAPHIC CHARACTERISTICS
2000
SAN FRANCISCO COUNTY

[For information on confidentiality protection, nonsampling error, and definitions, go to www.census.gov]

Subject	Number	Percent	Subject	Number	Percent
Total population	776,733	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population	776,733	100.0
Male.....	394,828	50.8	Hispanic or Latino (of any race).....	109,504	14.1
Female.....	381,905	49.2	Mexican.....	48,935	6.3
Under 5 years.....	31,633	4.1	Puerto Rican.....	3,758	0.5
5 to 9 years.....	31,564	4.1	Cuban.....	1,632	0.2
10 to 14 years.....	30,813	4.0	Other Hispanic or Latino.....	55,179	7.1
15 to 19 years.....	33,334	4.3	Not Hispanic or Latino.....	667,229	85.9
20 to 24 years.....	56,054	7.2	White alone.....	338,909	43.6
25 to 34 years.....	180,418	23.2	RELATIONSHIP		
35 to 44 years.....	133,804	17.2	Total population	776,733	100.0
45 to 54 years.....	107,718	13.9	In households.....	756,976	97.5
55 to 59 years.....	35,026	4.5	Householder.....	329,700	42.4
60 to 64 years.....	30,258	3.9	Spouse.....	104,310	13.4
65 to 74 years.....	53,955	6.9	Child.....	147,203	19.0
75 to 84 years.....	37,929	4.9	Own child under 18 years.....	92,905	12.0
85 years and over.....	14,227	1.8	Other relatives.....	70,222	9.0
Median age (years).....	36.5	(X)	Under 18 years.....	15,839	2.0
18 years and over.....	663,931	85.5	Nonrelatives.....	105,541	13.6
Male.....	337,037	43.4	Unmarried partner.....	24,563	3.2
Female.....	326,894	42.1	In group quarters.....	19,757	2.5
21 years and over.....	640,952	82.5	Institutionalized population.....	4,200	0.5
62 years and over.....	123,704	15.9	Noninstitutionalized population.....	15,557	2.0
65 years and over.....	106,111	13.7	HOUSEHOLD BY TYPE		
Male.....	44,375	5.7	Total households	329,700	100.0
Female.....	61,736	7.9	Family households (families).....	145,186	44.0
RACE			With own children under 18 years.....	54,707	16.6
One race.....	743,478	95.7	Married-couple family.....	104,310	31.6
White.....	385,728	49.7	With own children under 18 years.....	40,269	12.2
Black or African American.....	60,515	7.8	Female householder, no husband present.....	29,202	8.9
American Indian and Alaska Native.....	3,458	0.4	With own children under 18 years.....	11,284	3.4
Asian.....	239,565	30.8	Nonfamily households.....	184,514	56.0
Asian Indian.....	5,524	0.7	Householder living alone.....	127,376	38.6
Chinese.....	152,620	19.6	Householder 65 years and over.....	32,257	9.8
Filipino.....	40,083	5.2	Households with individuals under 18 years.....	63,867	19.4
Japanese.....	11,410	1.5	Households with individuals 65 years and over ..	78,716	23.9
Korean.....	7,679	1.0	Average household size.....	2.30	(X)
Vietnamese.....	10,722	1.4	Average family size.....	3.22	(X)
Other Asian ¹	11,527	1.5	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander....	3,844	0.5	Total housing units	346,527	100.0
Native Hawaiian.....	473	0.1	Occupied housing units.....	329,700	95.1
Guamanian or Chamorro.....	305	-	Vacant housing units.....	16,827	4.9
Samoan.....	2,311	0.3	For seasonal, recreational, or		
Other Pacific Islander ²	755	0.1	occasional use.....	3,762	1.1
Some other race.....	50,368	6.5	Homeowner vacancy rate (percent).....	0.8	(X)
Two or more races.....	33,255	4.3	Rental vacancy rate (percent).....	2.5	(X)
Race alone or in combination with one			HOUSING TENURE		
or more other races: ³			Occupied housing units	329,700	100.0
White.....	411,427	53.0	Owner-occupied housing units.....	115,391	35.0
Black or African American.....	67,076	8.6	Renter-occupied housing units.....	214,309	65.0
American Indian and Alaska Native.....	8,971	1.2	Average household size of owner-occupied units.	2.73	(X)
Asian.....	253,477	32.6	Average household size of renter-occupied units.	2.06	(X)
Native Hawaiian and Other Pacific Islander.....	6,273	0.8			
Some other race.....	65,757	8.5			

- Represents zero or rounds to zero. (X) Not applicable.

¹ Other Asian alone, or two or more Asian categories.

² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

TABLE 7
PROFILE OF GENERAL DEMOGRAPHIC CHARACTERISTICS
2000
CALIFORNIA

[For information on confidentiality protection, nonsampling error, and definitions, go to www.census.gov]

Subject	Number	Percent	Subject	Number	Percent
Total population	33,871,648	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population	33,871,648	100.0
Male	16,874,892	49.8	Hispanic or Latino (of any race)	10,966,556	32.4
Female	16,996,756	50.2	Mexican	8,455,926	25.0
Under 5 years	2,486,981	7.3	Puerto Rican	140,570	0.4
5 to 9 years	2,725,880	8.0	Cuban	72,286	0.2
10 to 14 years	2,570,822	7.6	Other Hispanic or Latino	2,297,774	6.8
15 to 19 years	2,450,888	7.2	Not Hispanic or Latino	22,905,092	67.6
20 to 24 years	2,381,288	7.0	White alone	15,816,790	46.7
25 to 34 years	5,229,062	15.4	RELATIONSHIP		
35 to 44 years	5,485,341	16.2	Total population	33,871,648	100.0
45 to 54 years	4,331,635	12.8	In households	33,051,894	97.6
55 to 59 years	1,467,252	4.3	Householder	11,502,870	34.0
60 to 64 years	1,146,841	3.4	Spouse	5,877,084	17.4
65 to 74 years	1,887,823	5.6	Child	10,519,953	31.1
75 to 84 years	1,282,178	3.8	Own child under 18 years	8,035,222	23.7
85 years and over	425,657	1.3	Other relatives	2,848,893	8.4
Median age (years)	33.3	(X)	Under 18 years	953,557	2.8
13 years and over	24,621,819	72.7	Nonrelatives	2,303,094	6.8
Male	12,130,354	35.8	Unmarried partner	683,516	2.0
Female	12,491,465	36.9	In group quarters	819,754	2.4
1 years and over	23,146,248	68.3	Institutionalized population	413,656	1.2
2 years and over	4,253,854	12.6	Noninstitutionalized population	406,098	1.2
5 years and over	3,595,658	10.6	HOUSEHOLD BY TYPE		
Male	1,513,874	4.5	Total households	11,502,870	100.0
Female	2,081,784	6.1	Family households (families)	7,920,049	68.9
RACE			With own children under 18 years	4,117,036	35.8
One race	32,264,002	95.3	Married-couple family	5,877,084	51.1
White	20,170,059	59.5	With own children under 18 years	2,989,974	26.0
Black or African American	2,263,882	6.7	Female householder, no husband present	1,448,510	12.6
American Indian and Alaska Native	333,346	1.0	With own children under 18 years	834,716	7.3
Asian	3,697,513	10.9	Nonfamily households	3,582,821	31.1
Asian Indian	314,819	0.9	Householder living alone	2,708,308	23.5
Chinese	980,642	2.9	Householder 65 years and over	892,207	7.8
Filipino	918,678	2.7	Households with individuals under 18 years	4,569,910	39.7
Japanese	288,854	0.9	Households with individuals 65 years and over	2,570,170	22.3
Korean	345,882	1.0	Average household size	2.87	(X)
Vietnamese	447,032	1.3	Average family size	3.43	(X)
Other Asian ¹	401,606	1.2	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander	116,961	0.3	Total housing units	12,214,549	100.0
Native Hawaiian	20,571	0.1	Occupied housing units	11,502,870	94.2
Guamanian or Chamorro	20,918	0.1	Vacant housing units	711,679	5.8
Samoan	37,498	0.1	For seasonal, recreational, or		
Other Pacific Islander ²	37,974	0.1	occasional use	236,857	1.9
Some other race	5,682,241	16.8	Homeowner vacancy rate (percent)	1.4	(X)
Two or more races	1,607,646	4.7	Rental vacancy rate (percent)	3.7	(X)
Race alone or in combination with one or more other races: ³			HOUSING TENURE		
White	21,490,973	63.4	Occupied housing units	11,502,870	100.0
Black or African American	2,513,041	7.4	Owner-occupied housing units	6,546,334	56.9
American Indian and Alaska Native	627,562	1.9	Renter-occupied housing units	4,956,536	43.1
Asian	4,155,685	12.3	Average household size of owner-occupied units	2.93	(X)
Native Hawaiian and Other Pacific Islander	221,458	0.7	Average household size of renter-occupied units	2.79	(X)
Some other race	6,575,625	19.4			

Represents zero or rounds to zero. (X) Not applicable.

Other Asian alone, or two or more Asian categories.

Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

Explanation Of Terms And Concepts

Asian and Pacific Islander: An ethnic classification for any person whose origin is Chinese, Cambodian, Japanese, Korean, Samoan, Asian Indian, Hawaiian, Guamanian, Laotian or Vietnamese.

Black/African American: A person having origins in any of the black racial groups of Africa.

CalWORKs: California Work Opportunity and Responsibility to Kids is a state designed public assistance program. Focus is on work and training; those who seek welfare must also seek work. Time and aid limits apply.

Food Stamp Recipient: A person receiving food stamp coupons that can be exchanged for groceries.

General Relief: A county administered assistance program which includes interim payments to the disabled, and payments to individuals who are ineligible for other assistance programs, such as CalWORKs and Refugee Cash Assistance.

Hispanic/Spanish Origin: An ethnic classification for persons of Mexican, Puerto Rican, Cuban or any other nationality which originated from and/or is based upon Spanish cultures and languages, regardless of race.

Other (Races): A racial category of persons not included in: the white; black; American Indian, Eskimo, and Aleut; Asian and Pacific Islander; or Filipino categories.

Other (than Hispanic) Origin: An ethnic classification for persons with nationalities based on cultures and languages other than Spanish, regardless of race.

Public Assistance Recipient: A person receiving cash welfare payments and/or nonmonetary benefits under federal, state, or local welfare programs.

Refugee Cash Assistance: A cash assistance and employment services program designed for adults without children who have official status as refugee, and who have been in the United States for less than eight months. Aid is limited to eight months.

Veteran: A person who has served but is not now serving in the armed forces of the United States.

Vietnam-Era Veteran: A person who served between August 5, 1964, and May 7, 1975, but is not now serving in the armed forces of the United States.

Welfare-To-Work Program: The Welfare-To-Work Program helps family members acquire the skills needed to get a job. The county will determine if a family must participate in Welfare-To-Work activities as a requirement for CalWORKs. Families may also volunteer to participate.

White: A racial classification for persons having origins in any of the original people of Europe, North Africa or the Middle East.

Labor Market Information For Nondiscrimination Programs

SAN FRANCISCO COUNTY

This report contains 1990 census population, labor force data, and occupational information for use in developing nondiscrimination programs, as required for federal and state contract compliance. The information in this series of reports is presented by county, because a county often constitutes the normal recruiting area for employers. However, separate reports are available for multi-county Metropolitan Statistical Areas (MSAs) and Consolidated Metropolitan Statistical Areas (CMSAs). Employers may wish to combine data for two or more counties, to co-

incide with the particular boundaries of their firm's recruiting area. The occupational groups listed in this report are those most often used in developing nondiscrimination programs (see next page for a comparison with California Department of Fair Employment and Housing's job categories). If more information about specific occupations is needed, the California Department of Finance's State Census Data Center, (916) 323-4086, has an 86-page detailed occupation report available for purchase.

Technical Note: This information is drawn from the 1990 Census of Population and Housing. The population data in Table 1 and the labor force data in Tables 2A, 2B and 2C are from Summary Tape File 4B. The occupational information in Tables 3, 4 and 5 is from the Equal Employment Opportunity (EEO) File.

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Note to Users

The information contained in this publication is general in nature and is provided to assist employers in meeting nondiscrimination obligations. However, this information may not include all of the specific requirements with which federal and state contractors must conform in making a comprehensive utilization analysis. Reference should be made to Code of Federal Regulations, Title 41, Subtitle B, chapter 60, Section 60-2.11 or California Code of Regulations, Title 2, Division 4, Chapter 5 for complete utilization analysis requirements.

Any questions regarding nondiscrimination requirements should be directed to the government agency issuing the contract or:

U.S. Department of Labor

Office of Federal Contract Compliance
(415) 848-6969

California Department of Fair Employment
and Housing

Office of Compliance Programs
(916) 227-2888

Note to California Employer Identification Report (CEIR) Respondents

The job categories listed on the California Employer Identification Report (CEIR) differ from the occupational group titles listed in this report (and the EEO file); however, the occupations contained within the job categories are essentially the same as those included in the occupational groups. Therefore, a direct relationship exists between CEIR job categories and occupational groups listed in this report. The following table shows that relationship:

CEIR Category

EDD/EEO Occupational Group

Officials and Managers

Executive, Administrative, and Managerial

Professional

Professional Specialty

Technicians

Technicians and Related Support

Sales

Sales

Office and Clerical

Office/Clerical

Craft Worker

Precision Production, Craft and Repair

Operatives

Machine Operators, Assemblers and Inspectors &

Transportation and Material Moving

Laborers

Handlers, Equipment Cleaners, Helpers, Laborers

Service Workers

Services

For further information, contact the California Department of Fair Employment and Housing, Office of Compliance Programs:
(916) 227-2888.

For additional copies of this publication or other labor market information, contact the Employment Development Department's Labor Market Information Division:
(916) 262-2162.

STATE OF CALIFORNIA
EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION

U.S. BUREAU OF THE CENSUS
1990 CENSUS OF POPULATION AND HOUSING
SUMMARY TAPE FILE 4B

STATE: CALIFORNIA COUNTY: SAN FRANCISCO

TABLE 1: RACE AND HISPANIC ORIGIN
UNIVERSE: PERSONS

TABLE 1: RACE AND HISPANIC ORIGIN									
UNIVERSE: PERSONS									
POPULATION BY RACE/ETHNIC GROUP									
	NUMBER			VERTICAL PERCENT			HORIZONTAL PERCENT		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	723,959	362,170	361,789	100.0	100.0	100.0	100.0	50.0	50.0
WHITE, NOT HISPANIC	338,917	173,556	165,361	46.8	47.9	45.7	100.0	51.2	48.8
BLACK, NOT HISPANIC	76,944	37,948	38,996	10.6	10.5	10.8	100.0	49.3	50.7
NATIVE AMERICAN, NOT HISPANIC	2,621	1,388	1,233	0.4	0.4	0.3	100.0	53.0	47.0
ASIAN AND PACIFIC ISLANDER, NOT HISPANIC	207,457	99,680	107,777	28.7	27.5	29.8	100.0	48.0	52.0
OTHER RACES, NOT HISPANIC	1,380	601	779	0.2	0.2	0.2	100.0	43.6	56.4
HISPANIC, ALL RACES	96,640	48,997	47,643	13.3	13.5	13.2	100.0	50.7	49.3
POPULATION BY RACE, INCLUDING HISPANIC									
TOTAL	723,959	362,170	361,789	100.0	100.0	100.0	100.0	50.0	50.0
WHITE **	388,341	198,320	190,021	53.6	54.8	52.5	100.0	51.1	48.9
BLACK	78,931	38,985	39,946	10.9	10.8	11.0	100.0	49.4	50.6
NATIVE AMERICAN	3,354	1,772	1,582	0.5	0.5	0.4	100.0	52.8	47.2
AMERICAN INDIAN	3,197	1,687	1,510	0.4	0.5	0.4	100.0	52.8	47.2
ESKIMO	39	10	29	0.0	0.0	0.0	100.0	25.6	74.4
ALEUT	118	75	43	0.0	0.0	0.0	100.0	63.6	36.4
ASIAN AND PACIFIC ISLANDER	211,000	101,476	109,524	29.1	28.0	30.3	100.0	48.1	51.9
ASIAN	207,901	99,834	108,067	28.7	27.6	29.9	100.0	48.0	52.0
CHINESE	130,753	63,403	67,350	18.1	17.5	18.6	100.0	48.5	51.5
FILIPINO	40,977	19,597	21,380	5.7	5.4	5.9	100.0	47.8	52.2
JAPANESE	11,591	4,939	6,652	1.6	1.4	1.8	100.0	42.6	57.4
ASIAN INDIAN	2,891	1,511	1,380	0.4	0.4	0.4	100.0	52.3	47.7
KOREAN	6,538	2,745	3,793	0.9	0.8	1.0	100.0	42.0	58.0
VIETNAMESE	8,952	4,615	4,337	1.2	1.3	1.2	100.0	51.6	48.4
CAMBODIAN	1,593	828	765	0.2	0.2	0.2	100.0	52.0	48.0
HMONG	20	13	7	0.0	0.0	0.0	100.0	65.0	35.0
LAOTIAN	928	410	518	0.1	0.1	0.1	100.0	44.2	55.8
THAI	592	252	340	0.1	0.1	0.1	100.0	42.6	57.4
OTHER ASIAN	3,066	1,521	1,545	0.4	0.4	0.4	100.0	49.6	50.4
PACIFIC ISLANDER	3,099	1,642	1,457	0.4	0.5	0.4	100.0	53.0	47.0
HAWAIIAN	975	636	339	0.1	0.2	0.1	100.0	65.2	34.8
SAMOAN	1,310	625	685	0.2	0.2	0.2	100.0	47.7	52.3
GUAMANIAN	465	213	252	0.1	0.1	0.1	100.0	45.8	54.2
OTHER PACIFIC ISLANDER	349	168	181	0.0	0.0	0.1	100.0	48.1	51.9
OTHER RACES	42,333	21,617	20,716	5.8	6.0	5.7	100.0	51.1	48.9
HISPANIC BY RACE									
TOTAL	96,640	48,997	47,643	13.3	13.5	13.2	100.0	50.7	49.3
WHITE	49,424	24,764	24,660	6.8	6.8	6.8	100.0	50.1	49.9
BLACK	1,987	1,037	950	0.3	0.3	0.3	100.0	52.2	47.8
NATIVE AMERICAN	733	384	349	0.1	0.1	0.1	100.0	52.4	47.6
ASIAN AND PACIFIC ISLANDER	3,543	1,796	1,747	0.5	0.5	0.5	100.0	50.7	49.3
OTHER	40,953	21,016	19,937	5.7	5.8	5.5	100.0	51.3	48.7

U.S. BUREAU OF THE CENSUS
1990 CENSUS OF POPULATION AND HOUSING
SUMMARY TAPE FILE 4B

STATE OF CALIFORNIA
EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION

STATE: CALIFORNIA COUNTY: SAN FRANCISCO

TABLE 2A: LABOR FORCE STATUS BY SEX
UNIVERSE: PERSONS 16 YEARS AND OVER

	TOTAL	RACE, NOT HISPANIC					HISPANIC ORIGIN
		WHITE	BLACK	NATIVE AMER	ASIAN/PI	OTHER	
TOTAL LABOR FORCE (INCLUDING ARMED FORCES)	417,147	217,449	34,826	1,649	109,117	749	53,357
LABOR FORCE PARTICIPATION RATE	67.2	69.7	57.8	70.9	64.3	75.0	70.3
CIVILIAN LABOR FORCE	412,385	214,445	33,959	1,629	108,685	742	52,925
CIVILIAN LABOR FORCE PARTICIPATION RATE	66.4	68.8	56.4	70.0	64.1	74.3	69.7
EMPLOYED	386,530	204,694	29,393	1,486	102,054	699	48,204
AT WORK FULL TIME (35+ HOURS/WEEK)	297,879	158,524	22,322	1,072	78,571	532	36,858
PERCENT OF EMPLOYED	77.1	77.4	75.9	72.1	77.0	76.1	76.5
AT WORK PART TIME (1-34 HOURS/WEEK)	79,892	42,115	6,185	350	21,051	147	10,044
UNEMPLOYED	25,855	9,751	4,566	143	6,631	43	4,721
UNEMPLOYMENT RATE	6.3	4.5	13.4	8.8	6.1	5.8	8.9
16-19 YEARS OLD	16.7	13.7	35.7	13.4	12.0	0.0	17.9
20-24 YEARS OLD	9.5	6.4	22.4	18.4	9.2	0.0	11.6
25-64 YEARS OLD	5.6	4.2	11.2	6.7	5.4	6.6	7.9
65 YEARS OLD AND OVER	5.3	3.7	8.8	0.0	6.6	0	9.0
NOT IN LABOR FORCE - ALL PERSONS	203,671	94,306	25,416	677	60,471	250	22,551
MALE LABOR FORCE (INCLUDING ARMED FORCES)	228,265	121,596	18,854	928	55,972	371	30,544
LABOR FORCE PARTICIPATION RATE	73.7	75.9	63.4	77.1	70.1	79.4	79.4
CIVILIAN LABOR FORCE	224,120	118,917	18,184	917	55,573	364	30,165
CIVILIAN LABOR FORCE PARTICIPATION RATE	72.3	74.3	61.1	76.2	69.6	77.9	78.4
EMPLOYED	209,211	113,007	15,526	845	51,944	334	27,555
AT WORK FULL TIME (35+ HOURS/WEEK)	170,010	92,485	12,036	609	42,296	288	22,296
PERCENT OF EMPLOYED	81.3	81.8	77.5	72.1	81.4	86.2	80.9
AT WORK PART TIME (1-34 HOURS/WEEK)	34,714	18,300	3,006	182	8,613	46	4,567
UNEMPLOYED	14,909	5,910	2,658	72	3,629	30	2,610
UNEMPLOYMENT RATE	6.7	5.0	14.6	7.9	6.5	8.2	8.7
16-19 YEARS OLD	19.6	17.3	37.2	26.1	15.5	0.0	17.1
20-24 YEARS OLD	11.4	8.3	25.0	14.4	11.7	0.0	11.2
25-64 YEARS OLD	5.8	4.6	12.1	4.5	5.5	9.3	7.7
65 YEARS OLD AND OVER	4.6	3.8	7.8	0.0	4.5	0	8.4
NOT IN LABOR FORCE - MALES	81,616	38,554	10,892	276	23,869	96	7,929
FEMALE LABOR FORCE (INCLUDING ARMED FORCES)	188,882	95,853	15,972	721	53,145	378	22,813
LABOR FORCE PARTICIPATION RATE	60.7	63.2	52.4	64.3	59.2	71.1	60.9
CIVILIAN LABOR FORCE	188,265	95,528	15,775	712	53,112	378	22,760
CIVILIAN LABOR FORCE PARTICIPATION RATE	60.5	63.0	51.7	63.5	59.2	71.1	60.8
EMPLOYED	177,319	91,687	13,867	641	50,110	365	20,649
AT WORK FULL TIME (35+ HOURS/WEEK)	127,869	66,039	10,286	463	36,275	244	14,562
PERCENT OF EMPLOYED	72.1	72.0	74.2	72.2	72.4	66.8	70.5
AT WORK PART TIME (1-34 HOURS/WEEK)	45,178	23,815	3,179	168	12,438	101	5,477
UNEMPLOYED	10,946	3,841	1,908	71	3,002	13	2,111
UNEMPLOYMENT RATE	5.8	4.0	12.1	10.0	5.7	3.4	9.3
16-19 YEARS OLD	13.7	10.9	33.5	0.0	8.1	0.0	18.9
20-24 YEARS OLD	7.5	4.8	19.4	24.1	6.7	0.0	12.3
25-64 YEARS OLD	5.3	3.8	10.3	9.4	5.3	4.0	8.2
65 YEARS OLD AND OVER	6.1	3.7	9.6	0.0	9.1	0	9.5
NOT IN LABOR FORCE - FEMALES	122,055	55,752	14,524	401	36,602	154	14,622

STATE: CALIFORNIA COUNTY: SAN FRANCISCO

TABLE 2B: DISABILITY STATUS BY SEX
UNIVERSE: CIVILIAN NONINSTITUTIONAL
PERSONS 16 TO 64 YEARS OLD

	TOTAL	RACE, NOT HISPANIC				HISPANIC ORIGIN
		WHITE	BLACK	NATIVE AMER	ASIAN/PI	OTHER
TOTAL CIVILIAN NONINSTITUTIONAL PERSONS WITH A WORK DISABILITY	508,880	247,979	48,745	2,184	142,173	934
PERCENT	40,957	20,486	7,861	308	7,330	57
IN THE CIVILIAN LABOR FORCE	8.0	8.3	16.1	14.1	5.2	6.1
PERCENT OF TOTAL CIVILIAN LABOR FORCE	14,974	8,449	1,768	124	2,708	20
NOT IN CIVILIAN LABOR FORCE	3.6	3.9	5.2	7.6	2.5	2.7
PREVENTED FROM WORKING	25,983	12,037	6,093	184	4,622	37
NOT PREVENTED FROM WORKING	22,472	10,317	5,458	174	3,916	21
NO WORK DISABILITY	3,511	1,720	635	10	706	16
MALE CIVILIAN NONINSTITUTIONAL PERSONS WITH A WORK DISABILITY	467,923	227,493	40,884	1,876	134,843	877
PERCENT	262,366	133,775	24,479	1,124	67,387	434
IN THE CIVILIAN LABOR FORCE	23,818	12,943	4,350	163	3,534	44
PERCENT OF MALE CIVILIAN LABOR FORCE	9.1	9.7	17.8	14.5	5.2	10.1
NOT IN CIVILIAN LABOR FORCE	9,169	5,220	1,103	72	1,537	14
PREVENTED FROM WORKING	4.1	4.4	6.1	7.9	2.8	3.8
NOT PREVENTED FROM WORKING	14,649	7,723	3,247	91	1,997	30
NO WORK DISABILITY	12,792	6,722	2,941	91	1,638	14
MALE CIVILIAN NONINSTITUTIONAL PERSONS WITH A WORK DISABILITY	1,857	1,001	306	0	359	16
PERCENT	238,548	120,832	20,129	961	63,853	390
IN THE CIVILIAN LABOR FORCE	246,514	114,204	24,266	1,060	74,786	500
PERCENT OF FEMALE CIVILIAN LABOR FORCE	17,139	7,543	3,511	145	3,796	13
NOT IN CIVILIAN LABOR FORCE	7.0	6.6	14.5	13.7	5.1	2.6
PREVENTED FROM WORKING	5,805	3,229	665	52	1,171	6
NOT PREVENTED FROM WORKING	3.1	3.4	4.2	7.3	2.2	1.6
NO WORK DISABILITY	11,334	4,314	2,846	93	2,625	7
PERCENT OF FEMALE CIVILIAN LABOR FORCE	9,680	3,595	2,517	83	2,278	7
NOT IN CIVILIAN LABOR FORCE	1,654	719	329	10	347	0
PREVENTED FROM WORKING	229,375	106,661	20,755	915	70,990	487
NOT PREVENTED FROM WORKING						

TABLE 2C: LABOR FORCE STATUS BY WEEKS
WORKED IN 1989
UNIVERSE: PERSONS 16 YEARS AND OVER

	TOTAL	RACE, NOT HISPANIC				HISPANIC ORIGIN
		WHITE	BLACK	NATIVE AMER	ASIAN/PI	OTHER
WORKED IN 1989 - MALES	236,554	128,058	18,832	943	57,684	358
PERCENT OF MALES BY WEEKS WORKED	100.0	100.0	100.0	100.0	100.0	100.0
WORKED 50 TO 52 WEEKS	60.9	64.4	57.3	54.5	59.2	59.2
WORKED 40 TO 49 WEEKS	17.5	16.2	14.8	16.3	19.1	15.6
WORKED 27 TO 39 WEEKS	7.1	6.8	8.1	11.1	6.7	11.5
WORKED 14 TO 26 WEEKS	7.5	6.7	8.5	10.3	7.7	6.1
WORKED 13 WEEKS OR LESS	7.1	6.0	11.4	7.7	7.3	7.5
WORKED IN 1989 - FEMALES	199,265	102,658	16,506	764	56,043	379
PERCENT OF FEMALES BY WEEKS WORKED	100.0	100.0	100.0	100.0	100.0	100.0
WORKED 50 TO 52 WEEKS	55.9	58.0	55.4	49.2	54.1	65.7
WORKED 40 TO 49 WEEKS	19.5	18.8	17.0	14.8	20.9	19.0
WORKED 27 TO 39 WEEKS	8.5	8.8	8.7	6.0	7.7	3.2
WORKED 14 TO 26 WEEKS	8.4	7.9	8.2	10.9	8.8	4.7
WORKED 13 WEEKS OR LESS	7.7	6.5	10.8	19.1	8.5	7.4
DID NOT WORK IN 1989 - MALES	73,327	32,092	10,914	261	22,157	109
DID NOT WORK IN 1989 - FEMALES	111,672	48,947	13,990	358	33,704	153

TABLE 3
TOTAL CIVILIAN LABOR FORCE 16 YEARS AND OVER
PERCENT RACE/ETHNICITY WITHIN OCCUPATIONAL GROUP

STATE OF CALIFORNIA
EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION

SOURCE: 1990 CENSUS OF POPULATION, EQUAL EMPLOYMENT OPPORTUNITY FILE

NOTE: PERCENTAGES MAY NOT ADD TO 100% DUE TO ROUNDING

GEOGRAPHY: SAN FRANCISCO COUNTY

	TOTAL	HISPANIC	WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC (ALL RACES)	ASIAN & PACIFIC ISLANDER	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, BOTH SEXES	412385	52.00	8.23	12.83	26.36	.40	.18		48.00
OCCUPATIONAL GROUP									
TOTAL OF ALL OCCUPATIONS, INCLUDING UNEMPLOYED	137918	71.41	5.08	6.18	16.93	.27	.13		28.59
MANAGERIAL AND PROFESSIONAL SPECIALTY	63942	68.64	5.37	6.31	19.18	.33	.17		31.36
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	41713	71.40	5.66	5.97	16.48	.31	.18		28.60
EXECUTIVE, ADMINISTRATIVE	22229	63.46	4.84	6.94	24.24	.38	.15		36.54
MANAGEMENT RELATED	73976	73.81	4.82	6.07	14.98	.22	.11		26.19
PROFESSIONAL SPECIALTY	6888	63.84	1.13	4.95	29.95	.13	.00		36.16
ENGINEERS, ARCHITECTS, SURVEYORS	4578	71.73	3.78	6.90	17.37	.13	.09		28.27
MATHEMATICAL AND COMPUTER SCIENTISTS	1813	74.02	2.76	6.12	17.10	.00	.00		25.98
NATURAL SCIENTISTS	5314	73.54	2.86	3.50	20.10	.00	.00		26.46
HEALTH DIAGNOSING	8210	65.72	6.80	6.98	19.77	.40	.33		34.28
HEALTH ASSESSMENT AND TREATING	3342	71.24	5.60	6.85	16.04	.27	.00		28.76
TEACHERS, POSTSECONDARY	10027	72.16	7.43	6.43	13.66	.32	.00		27.84
TEACHERS, EXCEPT POSTSECONDARY	780	43.20	18.21	20.26	17.05	1.28	.00		56.79
COUNSELORS, EDUCATIONAL AND VOCATIONAL	1162	80.03	9.38	1.03	9.55	.00	.00		19.97
LIBRARIANS, ARCHIVISTS, CURATORS	3023	79.52	3.74	6.12	10.35	.00	.26		20.48
SOCIAL SCIENTISTS AND URBAN PLANNERS	4031	64.95	10.34	10.69	13.52	.50	.00		35.05
SOCIAL, RECREATION AND RELIGIOUS WORKERS	8312	87.80	2.94	2.78	6.27	.22	.00		12.20
LAWYERS AND JUDGES	16496	79.22	3.63	6.50	10.28	.14	.24		20.78
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES									
TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT	138330	52.66	8.96	10.39	27.35	.46	.17		47.34
TECHNICIANS AND RELATED SUPPORT	15417	60.21	6.25	8.17	24.99	.14	.25		39.79
HEALTH TECHNOLOGISTS AND TECHNICIANS	3908	49.97	10.75	10.18	28.74	.00	.36		50.03
ENGINEERING AND RELATED TECHNOL. & TECH.	3090	49.35	4.43	7.96	37.93	.00	.32		50.65
SCIENCE TECHNICIANS	336	58.63	5.65	8.04	27.68	.00	.00		41.37
TECHNICIANS, EXCEPT HEALTH, ENG. & SCIENCE	8083	69.38	4.79	7.29	18.11	.26	.17		30.62
SALES	48682	59.24	5.91	9.31	24.85	.52	.18		40.76
SUPERVISORS AND PROPRIETORS	10102	66.08	3.00	8.04	22.47	.38	.04		33.92
SALES REP., FINANCE & BUSINESS SERVICES	11684	73.56	3.81	6.25	16.10	.18	.10		26.44
SALES REP., COMMODITIES EXCEPT RETAIL	4686	73.62	4.29	6.32	15.11	.00	.66		26.38
SALES WORKERS, RETAIL AND PERSONAL SERVICES	21989	45.23	8.74	12.24	32.83	.82	.14		54.77
OTHER SALES RELATED	221	78.73	2.26	.00	7.69	6.33	4.98		21.27
ADMINISTRATIVE SUPPORT	74231	46.78	11.53	11.57	29.48	.49	.15		53.22
OFFICE/CLERICAL (ADM. SUP, EXCL POSTAL WRKRS)	70872	48.31	11.23	11.38	28.44	.49	.16		51.69
SUPERVISORS OF ADMINISTRATIVE SUPPORT	2771	55.50	11.40	10.25	22.19	.00	.65		44.50
COMPUTER EQUIPMENT OPERATORS	2536	43.73	12.58	11.40	31.47	.83	.00		56.27
SECRETARIES, STENOGRAPHERS, TYPISTS	15704	59.05	8.56	10.85	21.47	.03	.04		40.95
INFORMATION CLERKS	8253	55.80	10.09	12.08	21.29	.74	.00		44.20
RECORDS PROCESSING, EXCEPT FINANCIAL	4065	45.88	14.44	11.73	26.49	1.45	.00		54.12
FINANCIAL RECORDS PROCESSING	7763	42.97	9.51	9.64	37.02	.59	.27		57.03
DUPPLICATING & OTHER OFFICE MACH. OPERATORS	542	26.01	12.55	10.52	50.92	.00	.00		73.98

TABLE 3

EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION
TOTAL CIVILIAN LABOR FORCE 16 YEARS AND OVER
PERCENT RACE/ETHNICITY WITHIN OCCUPATIONAL GROUP

SOURCE: 1990 CENSUS OF POPULATION, EQUAL EMPLOYMENT OPPORTUNITY FILE
NOTE: PERCENTAGES MAY NOT ADD TO 100% DUE TO ROUNDING

GEOGRAPHY: SAN FRANCISCO COUNTY

OCCUPATIONAL GROUP	TOTAL	WHITE		BLACK		HISPANIC		ASIAN & PACIFIC ISLANDER		NATIVE AMERICAN		OTHER RACES		TOTAL MINORITY
		HISPANIC	NDT	HISPANIC	NDT	(ALL RACES)	HISPANIC	HISPANIC	NDT	HISPANIC	NDT	HISPANIC	NDT	
TOTAL, BOTH SEXES														
OCCUPATIONAL GROUP														
COMMUNICATIONS EQUIPMENT OPERATORS	827	44.86		24.55		12.58	16.69			1.33		.00		55.14
MAIL AND MESSAGE DISTRIBUTING	2006	45.31		8.23		10.12	35.79			.55		.00		54.69
MATERIAL RECORDING & DISTRIBUTING, N.E.C.	5914	42.51		14.86		14.96	26.68			.98		.00		57.49
ADJUSTERS AND INVESTIGATORS	3893	54.71		11.41		8.27	25.25			.08		.28		45.29
OTHER OFFICE/CLERICAL	16598	38.83		12.45		12.03	35.95			.42		.33		61.17
POSTAL CLERKS AND MAIL CARRIERS	3359	14.53		17.77		15.45	51.62			.63		.00		85.47
SERVICES														
PRIVATE HOUSEHOLDS	65140	30.29		10.16		24.51	34.38			.45		.20		69.71
PROTECTIVE SERVICES	3445	24.67		6.97		45.22	22.84			.12		.17		75.33
SUPERVISORS OF PROTECTIVE SERVICES	5846	47.76		20.60		10.23	20.01			1.23		.17		52.24
FIREFIGHTING AND FIRE PREVENTION	318	70.12		14.15		3.14	10.06			2.52		.00		29.87
POLICE AND DETECTIVES	475	78.31		7.79		6.53	7.37			.00		.00		21.68
GUARDS AND OTHER PROTECTIVE SERVICES	1397	57.84		14.17		9.52	14.46			3.29		.72		42.16
GUARDS, EXCEPT PROTECTIVE AND HOUSEHOLD	3656	37.99		25.27		11.60	24.64			.49		.00		62.01
FOOD PREPARATION AND SERVICES	55849	28.81		9.27		24.73	36.59			.39		.21		71.19
HEALTH SERVICES	27730	31.19		5.23		21.36	41.85			.22		.15		68.81
CLEANING AND BUILDING SERVICES	6056	28.68		16.83		20.11	33.29			.74		.35		71.32
PERSONAL SERVICES	12758	13.21		12.39		39.20	34.57			.31		.33		86.79
	9305	43.21		12.09		17.93	25.86			.78		.13		56.79
FARMING, FORESTRY AND FISHING														
FARM OPERATORS AND MANAGERS	2158	48.42		6.12		34.75	10.29			.14		.28		51.58
FARM OCCUPATIONS, EXCEPT MANAGERIAL	185	61.62		.00		27.57	10.81			.00		.00		38.38
RELATED AGRICULTURAL OCCUPATIONS	327	12.54		6.12		69.11	10.40			.00		1.83		87.46
FORESTRY AND LOGGING	1533	52.90		6.85		29.81	10.24			.20		.00		47.10
FISHERS, HUNTERS AND TRAPPERS	24	24.99		29.16		24.99	20.83			.00		.00		74.98
	89	82.02		.00		11.24	6.74			.00		.00		17.98
PRECISION PRODUCTION, CRAFT AND REPAIR														
MECHANICS AND REPAIRERS	26787	42.67		7.93		18.55	30.10			.61		.15		57.33
SUPERVISORS OF MECHANICS AND REPAIRERS	6428	40.00		11.08		19.00	29.25			.36		.33		60.00
VEHICLE & MOBILE EQUIP. MECHANICS & REPAIRERS	313	58.15		7.35		7.67	26.84			.00		.00		41.85
INDUSTRIAL MACHINERY REPAIRERS	3035	29.36		14.20		23.62	32.06			.46		.30		70.64
MACHINERY MAINTENANCE	184	48.91		4.35		23.91	22.83			.00		.00		51.09
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	0	.00		.00		.00	.00			.00		.00		.00
HEATING, AIR CONDITIONING, REFRIG. MECHANICS	1361	47.39		7.35		13.30	31.08			.00		.88		52.61
OTHER MECHANICS AND REPAIRERS	165	48.48		.00		26.67	24.85			.00		.00		51.51
CONSTRUCTION TRADES OCCUPATIONS	1370	49.85		10.95		15.40	23.14			.66		.00		50.15
SUPERVISORS OF CONSTRUCTION TRADES	20359	43.52		6.93		18.40	30.36			.69		.09		56.48
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	1258	67.57		4.29		10.02	18.12			.00		.00		32.43
EXTRACTIVE OCCUPATIONS	10052	48.92		8.34		22.50	19.85			.34		.06		51.08
PRECISION PRODUCTION OCCUPATIONS	34	41.17		.00		.00	32.35			.00		26.47		58.81
	9015	34.15		5.76		15.07	43.79			1.18		.04		65.85

STATE OF CALIFORNIA
EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION

TABLE 3
TOTAL CIVILIAN LABOR FORCE 16 YEARS AND OVER
PERCENT RACE/ETHNICITY WITHIN OCCUPATIONAL GROUP

SOURCE: 1990 CENSUS OF POPULATION, EQUAL EMPLOYMENT OPPORTUNITY FILE
NOTE: PERCENTAGES MAY NOT ADD TO 100% DUE TO ROUNDING

GEOGRAPHY: SAN FRANCISCO COUNTY

	TOTAL	WHITE HISPANIC	BLACK HISPANIC	HISPANIC (ALL RACES)	ASIAN & PACIFIC ISLANDER	NATIVE AMERICAN HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, BOTH SEXES	38321	26.71	12.64	19.50	40.42	.40	.33	73.29
OCCUPATIONAL GROUP	17113	17.45	5.26	16.54	60.15	.15	.45	82.55
OPERATORS, FABRICATORS AND LABORERS	245	40.00	15.51	18.37	26.12	.00	.00	60.00
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	77	38.96	6.49	45.45	9.09	.00	.00	61.03
METALWORKING & PLASTIC PROCESSING MACH. OPERATORS	53	43.39	.00	.00	56.60	.00	.00	56.60
METAL AND PLASTIC PROCESSING MACH. OPERATORS	1883	46.95	4.46	15.08	33.51	.00	.00	53.05
WOODWORKING MACHINE OPERATORS	8118	3.35	1.77	10.54	84.20	.00	.14	96.65
PRINTING MACHINE OPERATORS	3760	27.34	9.68	22.18	39.23	.16	1.41	72.66
TEXTILE, APPAREL & FURNISHINGS MACH. OPERATORS	2106	23.55	5.84	29.44	39.65	.90	.62	76.45
MACHINE OPERATORS, ASSORTED MATERIALS	871	17.80	16.30	18.03	47.88	.00	.00	82.20
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUP.	9931	41.26	21.50	17.00	19.50	.53	.20	58.74
PRODUCTION INSPECTOR, TESTER, SAMPLER, WEIGHER	8635	40.73	21.09	16.29	21.04	.61	.23	59.27
TRANSPORTATION AND MATERIAL MOVING	145	40.69	46.21	13.10	.00	.00	.00	59.31
MOTOR VEHICLE OPERATORS	334	61.08	21.26	9.88	7.78	.00	.00	38.92
RAIL TRANSPORTATION OCCUPATIONS	817	38.92	21.54	28.03	11.51	.00	.00	61.08
WATER TRANSPORTATION OCCUPATIONS	11277	27.93	16.05	26.18	28.88	.68	.27	72.07
MATERIAL MOVING EQUIPMENT OPERATORS								
HANDLERS, EQUIP. CLEANERS, HELPERS & LABORERS								
EXPER. UNEMPLOYED (LAST WORKED 1984 OR EARLIER)	3731	17.88	22.54	23.34	35.86	.00	.38	82.12

FOOTNOTES: - OCCUPATIONAL GROUP TITLES, NOT INDIVIDUAL OCCUPATIONS, ARE LISTED IN THE FIRST COLUMN.

- THE "TOTAL" COLUMN CONTAINS THE ABSOLUTE NUMBER OF INDIVIDUALS IN THE LABOR FORCE FOR EACH OCCUPATIONAL GROUP.

- "OTHER RACES, NOT HISPANIC" INCLUDES INDIVIDUALS WHOSE SELF-IDENTIFIED RACIAL GROUP DID NOT FIT ANY OF THE OTHER CATEGORIES LISTED.

- THE "TOTAL MINORITY" COLUMN CONTAINS LABOR FORCE DATA FOR ALL PERSONS EXCEPT NONHISPANIC WHITES.

- TO ESTIMATE THE NUMBER OF INDIVIDUALS OF A PARTICULAR RACE OR ETHNICITY FOR A SPECIFIC OCCUPATIONAL GROUP, MULTIPLY THE ABSOLUTE NUMBER IN THE "TOTAL" COLUMN BY THE PERCENTAGE IN THE COLUMN FOR THAT RACE OR ETHNICITY.

TABLE 4
TOTAL CIVILIAN LABOR FORCE 16 YEARS AND OVER
PERCENT RACE/ETHNICITY WITHIN OCCUPATIONAL GROUP

SOURCE: 1990 CENSUS OF POPULATION, EQUAL EMPLOYMENT OPPORTUNITY FILE
NOTE: PERCENTAGES MAY NOT ADD TO 100% DUE TO ROUNDING

GEOGRAPHY: SAN FRANCISCO COUNTY

OCCUPATIONAL GROUP	TOTAL	WHITE		BLACK		HISPANIC		HISPANIC		ASIAN & PACIFIC ISLANDER		NATIVE AMERICAN		OTHER RACES		TOTAL MINORITY
		HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	(ALL RACES)		HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	
TOTAL, FEMALES	188265	50.74	8.38	12.09	28.21	38	49.26									
MANAGERIAL AND PROFESSIONAL SPECIALTY EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	64166	70.52	5.67	6.14	17.18	31	29.48									
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	29470	66.84	6.05	6.33	20.25	33	33.16									
MANAGEMENT RELATED	18230	70.76	6.41	6.43	15.88	26	29.24									
PROFESSIONAL SPECIALTY	11240	60.49	5.46	6.17	27.33	43	39.51									
ENGINEERS, ARCHITECTS, SURVEYORS	34696	73.64	5.34	5.98	14.57	30	26.36									
MATHEMATICAL AND COMPUTER SCIENTISTS	1051	70.22	1.90	3.04	24.83	00	29.78									
NATURAL SCIENTISTS	1424	65.10	4.49	12.01	18.12	00	34.90									
HEALTH DIAGNOSING	440	70.23	5.68	4.55	19.55	00	29.77									
HEALTH ASSESSMENT AND TREATING	1463	70.95	1.44	3.42	24.20	00	29.05									
TEACHERS, EXCEPT POSTSECONDARY	6610	66.08	6.19	6.49	20.33	50	33.92									
COUNSELORS, EDUCATIONAL AND VOCATIONAL	1441	68.36	7.36	4.44	19.22	62	31.64									
LIBRARIANS, ARCHIVISTS, CURATORS	6736	73.26	7.16	5.57	13.94	07	26.74									
SOCIAL SCIENTISTS AND URBAN PLANNERS	484	43.80	22.11	19.01	13.02	207	56.20									
SOCIAL, RECREATION AND RELIGIOUS WORKERS	745	78.12	10.34	6.67	10.87	00	21.88									
LAWYERS AND JUDGES	1655	82.11	2.24	4.83	10.33	00	17.89									
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	2132	64.96	12.05	11.49	10.79	70	35.04									
TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT	3150	83.30	3.24	4.03	8.86	57	16.70									
TECHNICIANS AND RELATED SUPPORT	7365	82.67	2.00	5.21	9.68	19	17.33									
HEALTH TECHNOLOGISTS AND TECHNICIANS	76434	49.52	10.09	10.90	28.91	39	50.48									
ENGINEERING AND RELATED TECHNOL. & TECH.	6308	59.69	7.26	7.39	25.30	00	40.31									
SCIENCE TECHNICIANS	2418	46.94	10.88	9.22	32.59	00	53.06									
TECHNICIANS, EXCEPT HEALTH, ENG. & SCIENCE	726	59.09	3.86	6.61	30.44	00	40.91									
SALES	113	57.52	00	00	42.48	00	42.48									
SUPERVISORS AND PROPRIETORS	3051	70.01	5.47	6.39	17.67	00	29.99									
SALES REP., FINANCE & BUSINESS SERVICES	22820	55.15	6.69	9.65	27.84	50	44.85									
SALES REP., COMMODITIES EXCEPT RETAIL	3874	67.68	3.90	6.38	21.71	34	32.32									
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4976	70.30	5.31	6.67	17.44	28	29.70									
OTHER SALES RELATED	1668	72.36	5.34	4.74	16.73	00	27.64									
ADMINISTRATIVE SUPPORT	12132	42.25	8.39	12.72	35.91	59	57.75									
OFFICE/CLERICAL (ADM. SUP, EXCL POSTAL WRKRS)	170	77.64	2.94	00	4.71	824	22.35									
SUPERVISORS OF ADMINISTRATIVE SUPPORT	47306	45.45	12.10	11.98	29.91	39	54.55									
COMPUTER EQUIPMENT OPERATORS	46246	46.33	11.74	11.95	29.41	40	53.67									
SECRETARIES, STENOGRAPHERS, TYPISTS	1392	52.51	13.94	8.12	24.14	00	47.49									
INFORMATION CLERKS	1096	34.58	19.43	10.13	34.76	109	65.42									
RECORDS PROCESSING, EXCEPT FINANCIAL	13550	57.31	9.02	10.95	22.63	04	42.69									
FINANCIAL RECORDS PROCESSING	5731	53.78	10.05	14.34	21.08	75	46.22									
DUPLICATING & OTHER OFFICE MACH. OPERATORS	2431	40.77	14.60	13.20	30.15	28	59.23									
	5369	38.93	8.90	10.73	40.49	86	61.07									
	156	27.56	19.23	12.18	41.02	00	72.43									

EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION
TOTAL CIVILIAN LABOR FORCE 16 YEARS AND OVER
PERCENT RACE/ETHNICITY WITHIN OCCUPATIONAL GROUP

SOURCE: 1990 CENSUS OF POPULATION, EQUAL EMPLOYMENT OPPORTUNITY FILE

NOTE: PERCENTAGES MAY NOT ADD TO 100% DUE TO ROUNDING

GEOGRAPHY: SAN FRANCISCO COUNTY

TOTAL, FEMALES													
OCCUPATIONAL GROUP													
	TOTAL	WHITE		BLACK		HISPANIC		ASIAN & PACIFIC ISLANDER		NATIVE AMERICAN		OTHER RACES	
		HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	(ALL RACES)	HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	HISPANIC
OPERATORS, FABRICATORS AND LABORERS	12724	14.04	6.46	14.48	64.52					.14		.36	85.96
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	9917	8.84	3.11	13.32	74.18					.09		.46	91.16
METALWORKING & PLASTIC WORKING MACH. OPERATORS	49	44.89	.00	55.10	.00					.00		.00	55.10
METAL AND PLASTIC PROCESSING MACH. OPERATORS	0	.00	.00	.00	.00					.00		.00	.00
WOODWORKING MACHINE OPERATORS	12	66.64	.00	.00	33.32					.00		.00	33.32
PRINTING MACHINE OPERATORS	424	48.82	.00	15.57	35.61					.00		.00	51.18
TEXTILE, APPAREL & FURNISHINGS MACH. OPERATORS	6835	1.90	1.54	9.11	87.29					.00		.16	98.10
MACHINE OPERATORS, ASSORTED MATERIALS	1425	24.70	5.26	26.67	41.82					.00		1.54	75.30
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUP.	628	16.56	3.98	22.29	53.66					1.43		2.07	83.44
PRODUCTION INSPECTOR, TESTER, SAMPLER, WEIGHTER	544	9.93	18.93	15.62	55.51					.00		.00	90.07
TRANSPORTATION AND MATERIAL MOVING	1041	43.80	31.22	13.35	11.62					.00		.00	56.20
MOTOR VEHICLE OPERATORS	936	44.23	33.44	13.46	8.87					.00		.00	55.77
RAIL TRANSPORTATION OCCUPATIONS	30	59.99	39.99	.00	.00					.00		.00	39.99
WATER TRANSPORTATION OCCUPATIONS	7	.00	.00	99.93	.00					.00		.00	99.93
MATERIAL MOVING EQUIPMENT OPERATORS	68	35.29	.00	8.82	55.88					.00		.00	64.70
HANDLERS, EQUIP. CLEANERS, HELPERS & LABORERS	1766	25.65	10.70	21.69	41.45					.51		.00	74.35
EXPER. UNEMPLOYED (LAST WORKED 1984 OR EARLIER)	1849	14.06	20.34	28.29	37.32					.00		.00	85.94

FOOTNOTES: - OCCUPATIONAL GROUP TITLES, NOT INDIVIDUAL OCCUPATIONS, ARE LISTED IN THE FIRST COLUMN.

- THE "TOTAL" COLUMN CONTAINS THE ABSOLUTE NUMBER OF INDIVIDUALS IN THE LABOR FORCE FOR EACH OCCUPATIONAL GROUP.

- "OTHER RACES, NOT HISPANIC" INCLUDES INDIVIDUALS WHOSE SELF-IDENTIFIED RACIAL GROUP DID NOT FIT ANY OF THE OTHER CATEGORIES LISTED.

- THE "TOTAL MINORITY" COLUMN CONTAINS LABOR FORCE DATA FOR ALL PERSONS EXCEPT NONHISPANIC WHITES.

- TO ESTIMATE THE NUMBER OF INDIVIDUALS OF A PARTICULAR RACE OR ETHNICITY FOR A SPECIFIC OCCUPATIONAL GROUP, MULTIPLY THE ABSOLUTE NUMBER IN THE "TOTAL" COLUMN BY THE PERCENTAGE IN THE COLUMN FOR THAT RACE OR ETHNICITY.

TABLE 5
TOTAL CIVILIAN LABOR FORCE 16 YEARS AND OVER
PERCENT RACE/ETHNICITY WITHIN OCCUPATIONAL GROUP

SOURCE: 1990 CENSUS OF POPULATION, EQUAL EMPLOYMENT OPPORTUNITY FILE

NOTE: PERCENTAGES MAY NOT ADD TO 100% DUE TO ROUNDING

GEOGRAPHY: SAN FRANCISCO COUNTY

OCCUPATIONAL GROUP	TOTAL	HISPANIC	WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC (ALL RACES)	ASIAN & PACIFIC ISLANDER		NATIVE AMERICAN		OTHER RACES		TOTAL MINORITY
						HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	
TOTAL, MALES												
TOTAL OF ALL OCCUPATIONS, INCLUDING UNEMPLOYED	224120	53.06		8.11	13.46	24.80		.41		.16		46.94
MANAGERIAL AND PROFESSIONAL SPECIALTY	73752	72.19		4.56	6.22	16.71		.23		.09		27.81
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	34472	70.18		4.79	6.29	18.26		.34		.13		29.82
EXECUTIVE, ADMINISTRATIVE	23483	71.90		5.07	5.62	16.95		.34		.11		28.10
MANAGEMENT RELATED	10989	66.49		4.20	7.74	21.08		.33		.17		33.51
PROFESSIONAL SPECIALTY	39280	73.95		4.36	6.15	15.35		.14		.05		26.05
ENGINEERS, ARCHITECTS, SURVEYORS	5837	62.69	.99		5.29	30.87		.15		.00		37.31
MATHEMATICAL AND COMPUTER SCIENTISTS	3154	74.73		3.46	4.60	17.03		.19		.00		25.27
NATURAL SCIENTISTS	1373	75.24		1.82	6.63	16.31		.00		.00		24.76
HEALTH DIAGNOSING	3851	74.53		3.40	3.53	18.54		.00		.00		25.47
HEALTH ASSESSMENT AND TREATING	1600	64.25		9.31	9.00	17.44		.00		.00		35.75
TEACHERS, POSTSECONDARY	1901	73.43		4.26	8.68	13.62		.00		.00		26.56
TEACHERS, EXCEPT POSTSECONDARY	3291	69.89		7.99	8.20	13.10		.82		.00		30.11
COUNSELORS, EDUCATIONAL AND VOCATIONAL	296	42.23		11.82	22.30	23.65		.00		.00		57.77
LIBRARIANS, ARCHIVISTS, CURATORS	417	83.45		7.67	1.68	7.19		.00		.00		16.55
SOCIAL SCIENTISTS AND URBAN PLANNERS	1368	76.39		5.56	7.68	10.38		.00		.00		23.61
SOCIAL, RECREATION AND RELIGIOUS WORKERS	1899	64.93		8.43	9.79	16.59		.26		.00		35.07
LAWYERS AND JUDGES	5162	90.55		2.75	2.01	4.69		.00		.00		9.45
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	9131	76.43		4.94	7.53	10.77		.10		.23		23.57
TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT	61896	56.54		7.57	9.76	25.43		.56		.14		43.46
TECHNICIANS AND RELATED SUPPORT	9109	60.58		5.54	8.72	24.77		.23		.16		39.42
HEALTH TECHNOLOGISTS AND TECHNICIANS	1490	54.90		10.54	11.74	22.48		.00		.34		45.10
ENGINEERING AND RELATED TECHNOL. & TECH.	2364	46.36		4.61	8.38	40.23		.00		.42		53.64
SCIENCE TECHNICIANS	223	59.19		8.52	12.11	20.18		.00		.00		40.81
TECHNICIANS, EXCEPT HEALTH, ENG. & SCIENCE	5032	69.00		4.37	7.83	18.38		.42		.00		31.00
SALES	25862	62.85		5.21	9.01	22.21		.54		.18		37.15
SUPERVISORS AND PROPRIETORS	6228	65.08		2.44	9.07	22.94		.40		.06		34.92
SALES REP., FINANCE & BUSINESS SERVICES	6708	75.98		2.70	5.93	15.10		.10		.18		24.02
SALES REP., COMMODITIES EXCEPT RETAIL	3018	74.32		3.71	7.19	14.21		.00		.56		25.68
SALES WORKERS, RETAIL AND PERSONAL SERVICES	9857	48.89		9.16	11.66	29.06		1.10		.14		51.11
OTHER SALES RELATED	51	82.34		.00	.00	17.65		.00		.00		17.65
ADMINISTRATIVE SUPPORT	26925	49.11		10.53	10.84	28.74		.68		.10		50.89
OFFICE/CLERICAL (ADM. SUP, EXCL POSTAL WRKRS)	24626	52.02		10.28	10.31	26.61		.66		.11		47.98
SUPERVISORS OF ADMINISTRATIVE SUPPORT	1379	58.52		8.85	12.40	20.23		.00		.00		41.48
COMPUTER EQUIPMENT OPERATORS	1440	50.69		7.36	12.36	28.96		.62		.00		49.31
SECRETARIES, STENOGRAPHERS, TYPISTS	2154	69.96		5.66	10.21	14.16		.00		.00		30.04
INFORMATION CLERKS	2522	60.39		10.19	6.94	21.77		.71		.00		39.61
RECORDS PROCESSING, EXCEPT FINANCIAL	1634	53.49		14.20	9.55	21.05		1.71		.00		46.51
FINANCIAL RECORDS PROCESSING	2394	52.05		10.86	7.18	29.24		.00		.67		47.95
DUPLICATING & OTHER OFFICE MACH. OPERATORS	386	25.39		9.84	9.84	54.92		.00		.00		74.61

SOURCE: 1990 CENSUS OF POPULATION, EQUAL EMPLOYMENT OPPORTUNITY FILE

NOTE: PERCENTAGES MAY NOT ADD TO 100% DUE TO ROUNDING

GEOGRAPHY: SAN FRANCISCO COUNTY

TOTAL, MALES

OCCUPATIONAL GROUP

COMMUNICATIONS EQUIPMENT OPERATORS
MAIL AND MESSAGE DISTRIBUTING
MATERIAL RECORDING & DISTRIBUTING, N.E.C.
ADJUSTERS AND INVESTIGATORS
OTHER OFFICE/CLERICAL
POSTAL CLERKS AND MAIL CARRIERS

SERVICES
PRIVATE HOUSEHOLDS
PROTECTIVE SERVICES
SUPERVISORS OF PROTECTIVE SERVICES
FIREFIGHTING AND FIRE PREVENTION
POLICE AND DETECTIVES
GUARDS AND OTHER PROTECTIVE SERVICES
SERVICES, EXCEPT PROTECTIVE AND HOUSEHOLD
FOOD PREPARATION AND SERVICES
HEALTH SERVICES
CLEANING AND BUILDING SERVICES
PERSONAL SERVICES

FARMING, FORESTRY AND FISHING
FARM OPERATORS AND MANAGERS
FARM OCCUPATIONS, EXCEPT MANAGERIAL
RELATED AGRICULTURAL OCCUPATIONS
FORESTRY AND LOGGING
FISHERS, HUNTERS AND TRAPPERS

PRECISION PRODUCTION, CRAFT AND REPAIR
MECHANICS AND REPAIRERS
SUPERVISORS OF MECHANICS AND REPAIRERS
VEHICLE & MOBILE EQUIP. MECHANICS & REPAIRERS
INDUSTRIAL MACHINERY REPAIRERS
MACHINERY MAINTENANCE
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS
HEATING, AIR CONDITIONING, REFRIG. MECHANICS
OTHER MECHANICS AND REPAIRERS
CONSTRUCTION TRADES OCCUPATIONS
SUPERVISORS OF CONSTRUCTION TRADES
CONSTRUCTION TRADES, EXCEPT SUPERVISORS
EXTRACTIVE OCCUPATIONS
PRECISION PRODUCTION OCCUPATIONS

	TOTAL	WHITE HISPANIC	BLACK HISPANIC	HISPANIC (ALL RACES)	ASIAN & PACIFIC ISLANDER	NATIVE AMERICAN HISPANIC	OTHER RACES HISPANIC	TOTAL MINORITY
COMMUNICATIONS EQUIPMENT OPERATORS	267	59.92	24.72	13.86	1.50	.00	.00	40.07
MAIL AND MESSAGE DISTRIBUTING	1541	45.88	6.88	10.45	36.79	.00	.00	54.12
MATERIAL RECORDING & DISTRIBUTING, N.E.C.	3905	40.54	13.67	15.80	28.50	1.49	.00	59.46
ADJUSTERS AND INVESTIGATORS	1614	63.63	6.38	6.44	22.68	.19	.68	36.37
OTHER OFFICE/CLERICAL	5390	47.29	10.87	9.48	31.50	.85	.00	52.71
POSTAL CLERKS AND MAIL CARRIERS	2299	17.92	13.18	16.44	51.54	.91	.00	82.08
SERVICES	36401	30.02	9.83	23.37	36.24	.36	.18	69.98
PRIVATE HOUSEHOLDS	413	36.56	2.66	23.73	36.08	.97	.00	63.44
PROTECTIVE SERVICES	4907	47.01	19.14	10.90	22.09	.65	.20	52.99
SUPERVISORS OF PROTECTIVE SERVICES	257	75.48	5.06	3.89	12.45	3.11	.00	24.51
FIREFIGHTING AND FIRE PREVENTION	419	78.04	6.21	7.40	8.35	.00	.00	21.96
POLICE AND DETECTIVES	1048	56.30	14.79	10.02	15.65	2.29	.95	43.70
GUARDS AND OTHER PROTECTIVE SERVICES	3183	37.57	23.41	12.22	26.80	.00	.00	62.43
SERVICES, EXCEPT PROTECTIVE AND HOUSEHOLD	31081	27.24	8.46	25.33	38.47	.31	.18	72.76
FOOD PREPARATION AND SERVICES	18925	26.06	5.30	24.27	43.98	.21	.18	73.94
HEALTH SERVICES	1339	42.87	15.68	14.41	25.62	1.42	.00	57.13
CLEANING AND BUILDING SERVICES	7530	17.18	13.01	36.06	33.19	.27	.29	82.82
PERSONAL SERVICES	3287	50.75	13.29	11.35	24.06	.55	.00	49.25
FARMING, FORESTRY AND FISHING	1745	48.19	6.93	34.44	9.91	.17	.34	51.81
FARM OPERATORS AND MANAGERS	147	60.54	.00	34.69	4.76	.00	.00	39.45
FARM OCCUPATIONS, EXCEPT MANAGERIAL	224	8.04	8.93	65.18	15.18	.00	2.68	91.96
RELATED AGRICULTURAL OCCUPATIONS	1261	51.94	7.45	30.77	9.60	.24	.00	48.06
FORESTRY AND LOGGING	24	24.99	29.16	24.99	20.83	.00	.00	74.98
FISHERS, HUNTERS AND TRAPPERS	89	82.02	.00	11.24	6.74	.00	.00	17.98
PRECISION PRODUCTION, CRAFT AND REPAIR	22847	44.04	8.50	19.50	27.22	.56	.18	55.96
MECHANICS AND REPAIRERS	6002	39.70	11.16	19.34	29.06	.38	.35	60.30
SUPERVISORS OF MECHANICS AND REPAIRERS	253	64.82	.00	6.32	28.85	.00	.00	35.18
VEHICLE & MOBILE EQUIP. MECHANICS & REPAIRERS	2962	29.30	14.31	23.63	31.97	.47	.30	70.70
INDUSTRIAL MACHINERY REPAIRERS	163	48.46	4.91	26.99	19.63	.00	.00	51.53
MACHINERY MAINTENANCE	0	.00	.00	.00	.00	.00	.00	.00
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	1161	48.58	7.58	12.58	30.23	.00	1.03	51.42
HEATING, AIR CONDITIONING, REFRIG. MECHANICS	165	48.48	.00	26.67	24.85	.00	.00	51.51
OTHER MECHANICS AND REPAIRERS	1298	48.38	11.56	16.26	23.11	.69	.00	51.62
CONSTRUCTION TRADES OCCUPATIONS	16845	45.58	7.56	19.55	26.57	.62	.11	54.42
SUPERVISORS OF CONSTRUCTION TRADES	1189	66.61	4.54	10.60	18.25	.00	.00	33.39
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	9628	48.18	8.41	22.53	20.55	.26	.06	51.82
EXTRACTIVE OCCUPATIONS	26	23.07	.00	.00	42.30	.00	34.61	76.91
PRECISION PRODUCTION OCCUPATIONS	6002	37.34	6.81	16.64	37.80	1.33	.07	62.66

TABLE 5
TOTAL CIVILIAN LABOR FORCE 16 YEARS AND OVER
PERCENT RACE/ETHNICITY WITHIN OCCUPATIONAL GROUP

SOURCE: 1980 CENSUS OF POPULATION, EQUAL EMPLOYMENT OPPORTUNITY FILE

NOTE: PERCENTAGES MAY NOT ADD TO 100% DUE TO ROUNDING

GEOGRAPHY: SAN FRANCISCO COUNTY

TOTAL, MALES															
OCCUPATIONAL GROUP															
	TOTAL	WHITE		BLACK		HISPANIC		HISPANIC		PACIFIC ISLANDER		NATIVE AMERICAN		OTHER RACES	
		HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	(ALL RACES)	HISPANIC	HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC	HISPANIC	NOT HISPANIC
OPERATORS, FABRICATORS AND LABORERS	25597	33.00	15.72	21.99	28.44							.54	.32		67.00
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	7196	29.31	8.23	20.98	40.83							.22	.43		70.69
METALWORKING & PLASTIC WORKING MACH. OPERATORS	196	38.77	19.39	9.18	32.65							.00	.00		61.22
METAL AND PLASTIC PROCESSING MACH. OPERATORS	77	38.96	6.49	45.45	9.09							.00	.00		61.03
WOODWORKING MACHINE OPERATORS	41	36.58	.00	.00	63.41							.00	.00		63.41
PRINTING MACHINE OPERATORS	1459	46.40	5.76	14.94	32.90							.00	.00		53.60
TEXTILE, APPAREL & FURNISHINGS MACH. OPERATORS	1283	11.07	3.04	18.16	67.73							.00	.00		88.93
MACHINE OPERATORS, ASSORTED MATERIALS	2335	28.95	12.38	19.44	37.64							.26	1.33		71.05
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUP.	1478	26.52	6.63	32.48	33.69							.68	.00		73.48
PRODUCTION INSPECTOR, TESTER, SAMPLER, WEIGHTER	327	30.89	11.93	22.02	35.17							.00	.00		69.11
TRANSPORTATION AND MATERIAL MOVING	8890	40.97	20.36	17.42	20.43							.60	.22		59.03
MOTOR VEHICLE OPERATORS	7699	40.30	19.59	16.64	22.52							.69	.26		59.70
RAIL TRANSPORTATION OCCUPATIONS	115	35.65	47.82	16.52	.00							.00	.00		64.35
WATER TRANSPORTATION OCCUPATIONS	327	62.38	21.71	7.95	7.95							.00	.00		37.61
MATERIAL MOVING EQUIPMENT OPERATORS	749	39.25	23.50	29.77	7.48							.00	.00		60.75
HANDLERS, EQUIP. CLEANERS, HELPERS & LABORERS	9511	28.36	17.04	27.01	26.55							.71	.33		71.64
EXPER. UNEMPLOYED (LAST WORKED 1984 OR EARLIER)	1882	21.63	24.71	18.49	34.43							.00	.74		78.37

FOOTNOTES: - OCCUPATIONAL GROUP TITLES, NOT INDIVIDUAL OCCUPATIONS, ARE LISTED IN THE FIRST COLUMN.

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Projections & Planning Information

Pete Wilson, Governor
STATE of CALIFORNIA

Sandra R. Smoley, R.N., Secretary
HEALTH AND WELFARE AGENCY



Ray Remy, Director
EMPLOYMENT DEVELOPMENT DEPARTMENT



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